PAGE 1 / 1632

FEC FORM 3X

REPORT OF RECEIPTS AND DISBURSEMENTS

	For Other Than An Authorized Committee	Office Use Only
NAME OF COMMITTEE (in full)	TYPE OR PRINT ▼ Example: If typing, type over the lines.	12FE4M5
Employees of Northro	p Grumman Corporation PAC	
ADDRESS (number and street)	2980 Fairview Park Drive	
Check if different		
than previously reported. (ACC)	Falls Church	VA 22042 - - -
2. FEC IDENTIFICATION N	UMBER ▼ CITY ▲	STATE ▲ ZIP CODE ▲
C C00088591	3. IS THIS NEW (N) OF	AMENDED (A)
4. TYPE OF REPORT (Choose One)	(b) Monthly Feb 20 (M2) May 20 (M2) Due On:	(Non-Election Year Only)
(a) Quarterly Reports:	Mar 20 (M3) Jun 20 (M	Sep 20 (M9) Dec 20 (M12) (Non-Election Year Only)
April 15	Apr 20 (M4) Jul 20 (M7	Oct 20 (M10) Jan 31 (YE)
Quarterly Report (0	(c) 12-Day Primary (12P) PRE-Election	General (12G) Runoff (12R)
Quarterly Report (0	Report for the: Convention (12C)	Special (12S)
Quarterly Report (0	Q3)	/ Y Y Y Y in the
January 31 Year-End Report (\)	YE) Election on	State of
July 31 Mid-Year Report (Non-election Year Only) (MY)	on (d) 30-Day POST-Election General (30G) Report for the:	Runoff (30R) Special (30S)
Termination Report (TER)		in the State of
5. Covering Period 1		M / D D / Y Y Y Y Y Y 30 30 2017
I certify that I have examined the	nis Report and to the best of my knowledge and belief it is	true, correct and complete.
Type or Print Name of Treasure	Koehn, John, , , er	
Signature of Treasurer Koel	Inn, John, , , [Electronically Filed]	Date 01 / 31 / 2018
NOTE: Submission of false, erron	neous, or incomplete information may subject the person signing	g this Report to the penalties of 52 U.S.C. § 30109
Office Use		FEC FORM 3X Rev. 05/2016

SUMMARY PAGE OF RECEIPTS AND DISBURSEMENTS FEC Form 3X (Rev. 05/2016) Page 2 Write or Type Committee Name **Employees of Northrop Grumman Corporation PAC** 11 01 2017 11 30 2017 Report Covering the Period: From: To: **COLUMN A COLUMN B** This Period Calendar Year-to-Date (a) Cash on Hand 3982249.76 January 1. 2017 (b) Cash on Hand at 3673935.95 Beginning of Reporting Period..... 180979.51 2032169.86 (c) Total Receipts (from Line 19) (d) Subtotal (add Lines 6(b) and 6(c) for Column A and Lines 6014419.62 3854915.46 6(a) and 6(c) for Column B)..... 253160.00 2412664.16 7. Total Disbursements (from Line 31)...... Cash on Hand at Close of 8. Reporting Period 3601755.46 3601755.46 (subtract Line 7 from Line 6(d)).....

Debts and Obligations Owed BY
 the Committee (Itemize all on Schedule C and/or Schedule D)



This committee has qualified as a multicandidate committee. (see FEC FORM 1M)

For further information contact:

Federal Election Commission 999 E Street, NW Washington, DC 20463

Toll Free 800-424-9530 Local 202-694-1100

DETAILED SUMMARY PAGE

of Receipts

FEC Form 3X (Rev. 05/2016)

Write or Type Committee Name

Employees of Northrop Grumman Corporation PAC

01 2017 11 30 2017 Report Covering the Period: From: To: **COLUMN A COLUMN B** I. Receipts **Total This Period** Calendar Year-to-Date 11. Contributions (other than loans) From: (a) Individuals/Persons Other Than Political Committees 161892.79 1401506.62 (i) Itemized (use Schedule A)..... 14086.72 623163.24 (ii) Unitemized (iii) TOTAL (add 2024669.86 175979.51 Lines 11(a)(i) and (ii).....▶ 0.00 0.00 (b) Political Party Committees (c) Other Political Committees 0.00 0.00 (such as PACs)..... (d) Total Contributions (add Lines 11(a)(iii), (b), and (c)) (Carry 2024669.86 175979.51 Totals to Line 33, page 5)▶ 12. Transfers From Affiliated/Other 0.00 0.00 Party Committees..... 0.00 0.00 13. All Loans Received..... 0.00 0.00 14. Loan Repayments Received..... 15. Offsets To Operating Expenditures (Refunds, Rebates, etc.) 0.00 0.00 (Carry Totals to Line 37, page 5)..... 16. Refunds of Contributions Made to Federal Candidates and Other Political Committees..... 5000.00 7500.00 17. Other Federal Receipts 0.00 (Dividends, Interest, etc.)..... 0.00 18. Transfers from Non-Federal and Levin Funds (a) Non-Federal Account 0.00 0.00 (from Schedule H3)..... 0.00 0.00 (b) Levin Funds (from Schedule H5) (c) Total Transfers (add 18(a) and 18(b)).. 0.00 0.00 19. Total Receipts (add Lines 11(d), 12, 13, 14, 15, 16, 17, and 18(c))....... 180979.51 2032169.86 20. Total Federal Receipts 180979.51 2032169.86 (subtract Line 18(c) from Line 19)▶

DETAILED SUMMARY PAGE

of Disbursements

FEC Form 3X (Rev. 05/2016)

Page 4

II. Disbursements	COLUMN A Total This Period	COLUMN B Calendar Year-to-Date
Operating Expenditures: (a) Allocated Federal/Non-Federal Activity (from Schedule H4)	1041 1110 1 01104	Calendar Tear-to-Date
(i) Federal Share	0.00	0.00
(ii) Non-Federal Share	0.00	0.00
(b) Other Federal Operating	1 1 4 1 1 4 1 1 4 1	
Expenditures	0.00	21907.95
(c) Total Operating Expenditures (add 21(a)(i), (a)(ii), and (b))	0.00	21907.95
2. Transfers to Affiliated/Other Party	45 1 45 1 45 1	4 1 4 1 4
Committees	0.00	0.00
Federal Candidates/Committees and Other Political Committees	244000.00	2185000.00
. Independent Expenditures	4 4	4 4
(use Schedule E)	0.00	0.00
(52 U.S.C. § 30116(d)) (use Schedule F)	0.00	0.00
	4 4	
S. Loan Repayments Made	0.00	0.00
7. Loans Made	0.00	0.00
Refunds of Contributions To: (a) Individuals/Persons Other	4 4	
Than Political Committees	160.00	256.21
(b) Political Party Committees	0.00	0.00
(c) Other Political Committees	4 4 4	
(such as PACs)(d) Total Contribution Refunds	0.00	0.00
(add Lines 28(a), (b), and (c))	160.00	256.21
	4 4	4 4 4
Other Disbursements (Including Non-Federal Donations)	9000.00	205500.00
,	4 4	20000.00
 Federal Election Activity (52 U.S.C. § 30101(2 (a) Allocated Federal Election Activity 	20))	
(from Schedule H6)		
(i) Federal Share	0.00	0.00
(ii) "Levin" Share	0.00	0.00
(b) Federal Election Activity Paid	0.00	0.00
Entirely With Federal Funds	0.00	0.00
(c) Total Federal Election Activity (add Lines 30(a)(i), 30(a)(ii) and 30(b))	0.00	
Ellies 30(a)(i), 30(a)(ii) alid 30(b))	0.00	0.00
. Total Disbursements (add Lines 21(c), 22,		
23, 24, 25, 26, 27, 28(d), 29 and 30(c))	253160.00	2412664.16
2. Total Federal Disbursements		7 7 7
(subtract Line 21(a)(ii) and Line 30(a)(ii)		
from Line 31)	253160.00	2412664.16

DETAILED SUMMARY PAGE

of Disbursements

FEC Form 3X (Rev. 05/2016) III. Net Contributions/

Operating Expenditures

33. Total Contributions (other than loans)

35. Net Contributions (other than loans)

36. Total Federal Operating Expenditures

37. Offsets to Operating Expenditures

38. Net Operating Expenditures

34. Total Contribution Refunds

Page 5 **COLUMN A** COLUMN B **Total This Period** Calendar Year-to-Date 175979.51 2024669.86 (from Line 11(d), page 3) 160.00 256.21 (from Line 28(d))..... 2024413.65 175819.51 (subtract Line 34 from Line 33) 0.00 21907.95 (add Line 21(a)(i) and Line 21(b))▶ 0.00 0.00 (from Line 15, page 3)..... 0.00 21907.95 (subtract Line 37 from Line 36)

Use separate schedule(s)

F	OR	LINE	NU	MBER	:	PAGE	6	OF	1	632
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	X	11a		11b		11c	12			
		13		14		15	16			17

for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Abbate, Samuel, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512427 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 70.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and CIO Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1540.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Abbate, Samuel, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2513118 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 70.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and CIO Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1610.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Abele, Ella, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2511903 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Qual Assurance Policy Anlyst Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 150.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

: 97 A = G7 9 @ 5 B9 CI G'H9 LHF9 @ 5 H98 'HC'5 F9 DCFHZ G7 < 98 I @ 'CF' ± H9 A ± N5 H± CB

Form/Schedule: SA11AI

Transaction ID:

Please note that the PAC is aware that we follow an alternate method of itemizing payroll receipts rather than the suggested manner of disclosing a single total for the reporting period along with the amount deducted per pay period. Because the amounts collected per pay period may change often during the time covered by a single report we find that reporting individual deductions separately more accurately discloses how the receipts are collected.

Form/Schedule: SA11AI

Transaction ID:

This report is being amended to adjust the Summary and Detailed Summary totals due to prior amendments.

Use separate schedule(s)

F	OR	LINE	NU	MBER	:	PAGE	8	OF	1	632
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	X	11a		11b		11c	12			
		13		14		15	16			17

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F	OR	LINE	NU	MBER	:	PAGE	9	OF	1	632
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		13		14		15	16	.		17

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FOR LINE NUMBER: PAGE 10 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Abrams, Benjamin, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513832 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 77.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Government Affairs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1771.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Abrams, Stuart, H, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511230 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 850.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Abrams, Stuart, H., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514581 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 900.00 Other (specify) 177.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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F	OR	LINE	NU	MBER	:	PAGE	·	11	OF	1	632
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	X	11a		11b		11c		12			
		13		14		15		16	;		17

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FOR LINE NUMBER PAGE 12 OF 1632 Us

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for De Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ackerman, Christina, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515214 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Software Config Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 282.50 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Adams, Charles, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511556 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Adams, Charles, R, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516188 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 118.50 SUBTOTAL of Receipts This Page (optional).....

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13 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Adams, Mark, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508559 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Adams, Mark, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514545 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Afferton, Thomas, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510295 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 2115.30 Other (specify) 176.15 SUBTOTAL of Receipts This Page (optional).....

FOR LINE NUMBER: PAGE 14 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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F	OR	LINE	NU	MBER	:	PAGE	: ′	15	OF	- 1	632
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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Agolia, Edward, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509780 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Business Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Agolia, Edward, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513122 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Aguilar, Prenthis, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509098 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Electromechanical Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) 65.00 SUBTOTAL of Receipts This Page (optional).....

FOR LINE NUMBER: PAGE 16 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Aguilar, Prenthis, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514057 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Electromechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Aguilar, Vincent, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510895 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Aguilar, Vincent, E, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515039 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 105.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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1632

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Akutagawa, Ann, Y, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514612 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Albaugh, Kevin, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509548 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Budgeting Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Albaugh, Kevin, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512871 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Budgeting Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 30.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 19 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Albrecht, Blake, N,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509577 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Albrecht, Blake, N,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512900 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Alexander, Dwight, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511544 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 20 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

1632

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21 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Allan, David, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512046 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Allan, David, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515295 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 575.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Allen, David, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509675 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) 88.46 SUBTOTAL of Receipts This Page (optional).....

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FOR LINE NUMBER: PAGE (check only one) **X** 11a 11b 11c

23 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Allen, Hugh, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512144 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Allen, Hugh, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2515422 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 575.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Allen, Joan, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510307 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 660.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

7

FOR LINE NUMBER: PAGE 24 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE (check only one) **X** 11a 11b 11c

25 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Allen, Raymond, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513834 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Contract Administrator Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 461.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Allgeier, Matthew, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2512012 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 423.06 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Allgeier, Matthew, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516310 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 442.29 Other (specify) 57.69 SUBTOTAL of Receipts This Page (optional).....

7

FOR LINE NUMBER: PAGE 26 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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PAGE 27 OF 1632 11c 12 13 14 15 16

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FOR LINE NUMBER: PAGE 28 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

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FOR LINE NUMBER: PAGE Use separate schedule(s) (check only one) **X** 11a 11b 11c

29 OF

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ambriz, Suzi, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515033 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Amen, Martin, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2509998 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Amen, Martin, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512945 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 30 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Anarde, Russell, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510851 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 1100.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Anarde, Russell, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514356 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1150.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Anderson, Averell, O, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID : A2017-2509720 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 110.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 31 (check only one) **X** 11a 11b 11c

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FOR LINE NUMBER: PAGE 32 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 33 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 34 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Anderson-Bayh, Denise, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508478 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Anderson-Bayh, Denise, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2513405 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 575.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Andree, Deborah, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509803 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Mission and Qual Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 1273.19 Other (specify) 146.17 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 35 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16

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FOR LINE NUMBER: PAGE (check only one) **X** 11a 11b 11c

36 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Andrzejewski, David, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511380 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Regulatory Compliance Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Andrzejewski, David, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516142 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Regulatory Compliance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Anezin, Denise, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509302 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) 65.00 SUBTOTAL of Receipts This Page (optional).....

7

FOR LINE NUMBER: PAGE 37 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 38 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16

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FOR LINE NUMBER: PAGE 39 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 40 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 41 Use separate schedule(s) (check only one) **X** 11a 11b 11c

OF

1632

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FOR LINE NUMBER: PAGE 42 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 43 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Asher, Edward, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512654 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Org Development Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Ashworth, Margaret, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510613 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 200.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Start Up Company Corp VP Government Relations Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 4400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Ashworth, Margaret, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513814 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 200.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Start Up Company Corp VP Government Relations Receipt For: Aggregate Year-to-Date ▼ Primary General 4600.00 Other (specify) 440.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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44 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Asti, Brian, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511539 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Asti, Brian, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2515732 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 442.29 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Atelsek, Thomas, F, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511694 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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1632

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Austin, James, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511553 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 5.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Comm Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 845.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Austin, James, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516185 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 5.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Comm Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 850.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Avila, James, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2508579 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Subcontracts Administrator Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) 35.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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City Falls Church		State /A	Zip Code 22042		2017 : A2017-2516380 Receipt this Period
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Full Name of Individual (L. B. Baba, Wesley, N, , Mailing Address 2980 Fair		r Full Orgai		Date of Receipt	2017
Falls Church FEC ID number of contrib federal political committee	uting	State VA	Zip Code 22042		A2017-2511637 Receipt this Period
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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Backschies, John, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510855 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Backschies, John, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514360 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1380.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Bacon, Daniel, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509570 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) 145.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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58 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bacon, Daniel, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512893 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Baik, Youngkee, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512350 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Baik, Youngkee, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515547 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 105.00 SUBTOTAL of Receipts This Page (optional).....

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FOR LINE NUMBER: PAGE 59 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bailey, Mark, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511621 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 22.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 484.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Bailey, Mark, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515930 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 22.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 506.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Baker, Brenna, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510258 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 847.00 Other (specify) 82.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Baker, Leslie, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513275 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Cyber Incident Anlyst Rspndr Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Baker, Mercedes, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509216 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Baker, Mercedes, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513339 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 65.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Baker, Susan, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511329 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Baker, Susan, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515859 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 442.29 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Bal, Gursharan, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510909 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 380.00 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bal, Gursharan, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515053 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Balakirsky, Jay, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509332 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 11.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 228.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Balakirsky, Jay, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513289 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 11.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 239.00 Other (specify) 42.00 SUBTOTAL of Receipts This Page (optional).....

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65 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Balderson, Diane, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508760 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 95.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Contracts and Pricing Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2093.30 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Balderson, Diane, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512515 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 95.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Contracts and Pricing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2188.45 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Baldwin, Robert, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510452 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Material Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 210.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Baldwin, Robert, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514295 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Material Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Ballance, Conrad, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509458 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Fac and Real Estate Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Ballance, Conrad, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514820 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Fac and Real Estate Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 40.00 SUBTOTAL of Receipts This Page (optional).....

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\rangle	NAME OF COMMITTEE (In Full) Employees of Northrop Grummar	n Corpora	tion PAC									
Α.	Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ballinger, Bruce, D, , Date of Receipt											
	Mailing Address 2980 Fairview Park Drive		11 03 Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y									
	City	Zip Code	Transaction ID : A2017-2509450									
	Falls Church	VA	22042	Amount of Each Receipt this Period								
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	Name of Employer (for Individual)	Occupa	tion (for Individual)	Memo Item								
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В.	Full Name of Individual (Last, First, Middle Initial Ballinger, Bruce, D, ,) or Full Orga	nization Name	Date of Receipt								
	Mailing Address 2980 Fairview Park Drive		11 17 2017									
	City	State	Zip Code	Transaction ID : A2017-2514795 Amount of Each Receipt this Period								
	Falls Church	ls Church VA 22042										
	FEC ID number of contributing federal political committee.	С		25.00								
	Name of Employer (for Individual) Northrop Grumman Corporation		tion (for Individual) gineering	Memo Item								
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	Primary General Other (specify) ▼		575.00									
С.	Full Name of Individual (Last, First, Middle Initial Ballister, John, G, ,) or Full Orga	nization Name	Date of Receipt								
	Mailing Address 2980 Fairview Park Drive			11 03 Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y								
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2017-2510904								
		VA	22042	Amount of Each Receipt this Period								
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	Name of Employer (for Individual) Northrop Grumman Corporation		tion (for Individual) gineering	Memo Item								
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FOR LINE NUMBER: PAGE 68 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ballister, John, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515048 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 22.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 506.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Barajas, Julie, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511643 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 5.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Prod Plng and Scheduler Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 563.48 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Barajas, Julie, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515952 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 5.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Prod Plng and Scheduler Receipt For: Aggregate Year-to-Date ▼ Primary General 568.48 Other (specify) 32.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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FOR LINE NUMBER: PAGE 69 OF 1632 11c 12 13 14 15 16

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bargiel, Charlene, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514541 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Pricing Cost Estimating Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 966.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Barone, Robert, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510293 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 846.12 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Barone, Robert, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513475 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) 118.92 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Barre, Bart, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508544 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Corp Dir Asst General Counsel Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 660.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Barre, Bart, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514065 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp Dir Asst General Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 690.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Barreda, Maria, V., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID : A2017-2511040 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Procurement Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

7

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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Barreda, Maria, V,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513149 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Procurement Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Barreda, Sandra, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511210 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Employee Relations Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 692.28 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Barreda, Sandra, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512500 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Employee Relations Receipt For: Aggregate Year-to-Date ▼ Primary General 730.74 Other (specify) 86.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

SCHEDULE A (FEC Form 3X)

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Barrett, Zeina, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510732 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 27.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 594.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Barrett, Zeina, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2514492 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 27.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 621.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Barrigan, James, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID : A2017-2509482 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 846.34 Other (specify) 92.47 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Barrigan, James, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514218 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 884.81 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Barrows, Joseph, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511301 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Barrows, Joseph, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515844 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 78.47 SUBTOTAL of Receipts This Page (optional).....

TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 75 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Barrus, Diana, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510247 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 634.73 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Barrus, Diana, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515227 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 673.19 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Bartlett, Scott, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509005 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Project Management** Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 96.92 SUBTOTAL of Receipts This Page (optional).....

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SCHEDULE A (FEC Form 3X) ITEMIZED RECEIPTS

1632 FOR LINE NUMBER: PAGE 76 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bartlett, Scott, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 State Zip Code Transaction ID: A2017-2512766 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **Project Management** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Barton, Jennifer, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 State Zip Code Transaction ID: A2017-2509935 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee.

Name of Employer (for Individual) Northrop Grumman Corporation	Occupation (for Individual) Mgr Programs	Memo Item
Receipt For: Primary General Other (specify) ▼	Aggregate Year-to-Date ▼ 458.46	
Full Name of Individual (Last, First, Middle I Barton, Jennifer, A, ,	nitial) or Full Organization Name	Date of Receipt
Mailing Address 2980 Fairview Park Drive		11 17 Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y
City	State Zip Code	Transaction ID : A2017-2515210
Falls Church	VA 22042	Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C	38.46
Name of Employer (for Individual)	Occupation (for Individual)	Memo Item
Northrop Grumman Corporation Receipt For: Primary General Other (specify)	Mgr Programs Aggregate Year-to-Date ▼ 496.92	

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Memo Item

FOR LINE NUMBER: PAGE 77 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bartos, Peter, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511593 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 846.34 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Bartos, Peter, P, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2515902 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 884.81 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Basarab, Meghan, K, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510313 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Accounting Receipt For: Aggregate Year-to-Date ▼ Primary General 280.00 Other (specify) 96.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Basarab, Meghan, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513495 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Accounting Receipt For: Aggregate Year-to-Date ▼ Primary General 300.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Basco, Matthew, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID: A2017-2511010 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Subcontract Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 846.12 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Basco, Matthew, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514624 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Subcontract Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) 96.92 SUBTOTAL of Receipts This Page (optional).....

FOR LINE NUMBER: PAGE 79 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Basford, David, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510394 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 990.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Basford, David, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513984 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1035.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Batchelor, Paul, F, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511889 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 819.20 Other (specify) 128.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 80 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Batchelor, Paul, F, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515716 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 857.66 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Bateman, Thomas, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510029 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Electronics** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 550.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Bateman, Thomas, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512976 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Electronics** Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) 88.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 81 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Batista, Michael, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512193 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Batista, Michael, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515470 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Batley, Andrew, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510275 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

SCHEDULE A (FEC Form 3X)

FOR LINE NUMBER: PAGE 82 OF 1632

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NAME OF COMMITTEE (In Full) Employees of Northrop Grumm	nan Corporation PAC	
Full Name of Individual (Last, First, Middle In Batley, Andrew, S, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)	State Zip Code 22042 C Occupation (for Individual) Mgr Systems Engineering Aggregate Year-to-Date 442.29	Date of Receipt 11 17 2017 Transaction ID: A2017-2515255 Amount of Each Receipt this Period 19.23 Memo Item
Full Name of Individual (Last, First, Middle In Battaile, William, B, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)	State Zip Code VA 22042 C Occupation (for Individual) Mgr Programs Aggregate Year-to-Date 880.00	Date of Receipt 11 03 2017 Transaction ID : A2017-2508615 Amount of Each Receipt this Period 40.00 Memo Item
Full Name of Individual (Last, First, Middle In Battaile, William, B, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)	State Zip Code VA Z2042 C Occupation (for Individual) Mgr Programs Aggregate Year-to-Date 920.00	Date of Receipt 11 17 2017 Transaction ID: A2017-2514838 Amount of Each Receipt this Period 40.00 Memo Item
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83 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Battle, Jennifer, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511029 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Battle, Jennifer, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513963 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 884.58 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Batts, Stephen, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509609 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 116.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Batts, Stephen, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514168 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Bauer, Gregg, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510986 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 847.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Bauer, Gregg, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514723 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 885.50 Other (specify) 117.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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1632

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96 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bell, Melinda, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511702 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Bell, Melinda, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516009 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Bell, William, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510665 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Project Management** Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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97 OF

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Belnap Pehrson, Lori, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510488 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Systems Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 772.28 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Belnap Pehrson, Lori, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514931 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 810.74 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Belnavis, Karen, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511414 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Subcontracts Administrator Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 96.92 SUBTOTAL of Receipts This Page (optional).....

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1632

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FOR LINE NUMBER: PAGE 100 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 101 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bendza, Gary, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512447 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Global Integration Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 848.45 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Benegar, Brett, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510829 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Benegar, Brett, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514935 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 102 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Benoit, Kevin, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511047 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Benoit, Kevin, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513156 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Bent, John, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511487 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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FOR LINE NUMBER: PAGE 105 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bergquist, Denis, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509404 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Architect** Receipt For: Aggregate Year-to-Date ▼ Primary General 858.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Bergquist, Denis, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514334 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Architect** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 897.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Berkowitz, Kevin, J, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509973 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) 116.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: PAGE 110 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Berrang, Michael, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516058 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 885.50 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Berroth, Vicki, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509559 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 990.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Berroth, Vicki, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512882 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 1035.00 Other (specify) 128.50 SUBTOTAL of Receipts This Page (optional).....

FOR LINE NUMBER: PAGE 112 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Berry, Cynthia, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511303 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Berry, Cynthia, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515846 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Berry, Jim, V, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509868 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 113 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Berry, Jim, V,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512918 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Betancourt, Mark, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510992 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 150.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Packaging Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 3300.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Betancourt, Mark, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514728 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 150.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Packaging Receipt For: Aggregate Year-to-Date ▼ Primary General 3450.00 Other (specify) 320.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 114 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 115 OF (check only one) **X** 11a 11b 11c

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FOR LINE NUMBER: PAGE 116 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 117 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632 12 13 14 15 16

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FOR LINE NUMBER: PAGE 118 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 119 OF 1632 Use separate schedule(s)

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7

FOR LINE NUMBER: PAGE 120 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 121 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 122 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 123 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12 13 14 15 16

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FOR LINE NUMBER: PAGE 124 OF (check only one) **X** 11a 11b 11c

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FOR LINE NUMBER: PAGE 125 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Blossfeld, Stephen, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510694 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Blossfeld, Stephen, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512690 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Boak, Richard, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509201 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 120.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and CFO Receipt For: Aggregate Year-to-Date ▼ Primary General 2640.00 Other (specify) 140.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bogan, Kevin, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510965 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Bogan, Kevin, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514516 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Boger, David, H., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2510655 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bohdan, William, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508972 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corporate Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Bohdan, William, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512733 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corporate Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Boley, Leah, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510168 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 478.06 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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\rangle	NAME OF COMMITTEE (In Full) Employees of Northrop Grumma	n Corpora	tion PAC	
١.	Full Name of Individual (Last, First, Middle Initial Boley, Leah, , , Mailing Address 2980 Fairview Park Drive	al) or Full Orga	anization Name	Date of Receipt
	City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify) ▼		Zip Code 22042 ation (for Individual) mmunications ear-to-Date ▼ 516.52	Transaction ID : A2017-2513581 Amount of Each Receipt this Period 38.46 Memo Item
3.	Full Name of Individual (Last, First, Middle Initial Bollinger, Christopher, A, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify) ▼	State VA C	Zip Code 22042 ation (for Individual) overnment Affairs	Date of Receipt M M M
S .	Full Name of Individual (Last, First, Middle Initial Bollinger, Christopher, A, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)	State VA C	Zip Code 22042 ation (for Individual) overnment Affairs	Date of Receipt 11
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FOR LINE NUMBER: PAGE 135 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bolton, Thomas, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516253 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Boluda, Jose, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511365 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Government Affairs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Boluda, Jose, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516127 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Government Affairs Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify)

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$\overline{\rangle}$	NAME OF COMMITTEE (In Full) Employees of Northrop Grumman Corporation PAC							
۹.	Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bouchard, Silvia, E, ,			Date of Receipt				
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	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2017-2509802 Amount of Each Receipt this Period				
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	Name of Employer (for Individual) Northrop Grumman Corporation Receipt For:	Dir Qua	•	Memo Item				
	Primary General Other (specify) ▼	Aggregate Ye	ar-to-Date ▼ 1496.00					
3.	Full Name of Individual (Last, First, Middle Initial) Bouchard, Silvia, E, ,	Name of Individual (Last, First, Middle Initial) or Full Organization Name ouchard, Silvia, E, ,						
	Mailing Address 2980 Fairview Park Drive	11 17 2017						
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2017-2513143 Amount of Each Receipt this Period				
	FEC ID number of contributing federal political committee.	С		68.00				
	Name of Employer (for Individual) Northrop Grumman Corporation	Occupa Dir Qua	ation (for Individual) ality	Memo Item				
	Receipt For: Primary General Other (specify) ▼	Aggregate Ye	ar-to-Date ▼ 1564.00					
С.	Full Name of Individual (Last, First, Middle Initial) Bourque, Robert, D , ,	Date of Receipt						
	Mailing Address 2980 Fairview Park Drive	11 03 2017						
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2017-2511564 Amount of Each Receipt this Period				
	FEC ID number of contributing federal political committee.	С		38.47				
	Name of Employer (for Individual) Northrop Grumman Corporation Receipt For:	Mgr Ele	ation (for Individual)	Memo Item				
	Primary General Other (specify)	Aggregate Ye	ar-to-Date ▼ 846.34					
S	UBTOTAL of Receipts This Page (optional)		·····	174.47				
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FOR LINE NUMBER: PAGE 141 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bourque, Robert, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515874 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Electronics Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 884.81 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Boutin, Thomas, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508549 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Pilot Test Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Boutin, Thomas, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID : A2017-2514070 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Pilot Test Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 78.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 142 OF 1632 Use separate schedule(s) for each category of the Detailed Summary Page

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\	NAME OF COMMITTEE (In Full)							
\rangle	Employees of Northrop Grumman Corporation PAC							
١.	Full Name of Individual (Last, First, Middle Initial) Bouzas, Dean, , ,	Date of Receipt						
	Mailing Address 2980 Fairview Park Drive			11 03 / Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y				
	City Sta'		Zip Code	Transaction ID : A2017-2509093				
	Falls Church	VA	22042	Amount of Each Receipt this Period				
	FEC ID number of contributing federal political committee.	19.23						
	Name of Employer (for Individual) Occupation (for Individual)		Memo Item					
	Northrop Grumman Corporation		lfg Engineering					
	Receipt For:	Aggregate Ye	ear-to-Date ▼	7				
	Primary General	55 7						
	Other (specify) ▼		423.06					
	Full Name of Individual (Last, First, Middle Initial)	or Full Org	anization Name					
3.	Bouzas, Dean, , ,			Date of Receipt				
	Mailing Address 2980 Fairview Park Drive	11 17 2017 2017						
	City	State	Zip Code	Transaction ID : A2017-2514052				
	Falls Church	VA	22042	Amount of Each Receipt this Period				
	FEC ID number of contributing federal political committee.	С		19.23				
	Name of Employer (for Individual) Northrop Grumman Corporation		ation (for Individual) Ifg Engineering	Memo Item				
		Aggregate rear-to-bate v						
	Primary General Other (specify) ▼	4	442,29					
 >.	Full Name of Individual (Last, First, Middle Initial) Bower, Elizabeth, K, ,	Date of Receipt						
	Mailing Address 2980 Fairview Park Drive	11 03 / Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y						
	City	State	Zip Code	Transaction ID : A2017-2510356				
	Falls Church	VA	22042	Amount of Each Receipt this Period				
	FEC ID number of contributing federal political committee.	С		20.00				
	Name of Employer (for Individual) Northrop Grumman Corporation		ation (for Individual) us Dev Operations	Memo Item				
	Receipt For:	-	ear-to-Date ▼	1				
	Primary General Other (specify)	55 - 5 - 5	440.00					
s	UBTOTAL of Receipts This Page (optional)		>	58.46				

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FOR LINE NUMBER: PAGE 143 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bower, Elizabeth, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514759 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Bus Dev Operations Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Bowie, Christopher, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509569 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Bowie, Christopher, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512892 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 144 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

1632

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bowie, Michael, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509533 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1050.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Bowie, Michael, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512855 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1100.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Bowler, Justin, N, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2510684 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Mechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 110.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

Receipt For:

Primary

Other (specify)

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ITEMIZED RECEIPTS

SCHEDULE A (FEC Form 3X) FOR LINE NUMBER: PAGE 145 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bowler, Justin, N,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512680 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Mechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Bowling, Steven, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2510051 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Bowling, Steven, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514914 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning

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PAGE 146 OF 1632 11c 12 13 14 15 16

Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bowman, Ryan, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509629 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Bowman, Ryan, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2514188 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Boyd, Craig, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2512282 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1100.00 Other (specify) 130.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 147 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Boyd, Craig, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515779 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Boyd, Timothy, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2509528 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 693.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Boyd, Timothy, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512850 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 731.50 Other (specify) 127.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 148 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Boylan, Robert, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509090 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 23.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Software Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 506.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Boylan, Robert, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514049 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 23.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 529.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Boyle, Michael, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510294 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify)

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FOR LINE NUMBER: PAGE 149 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Boyle, Michael, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513476 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Brabec, Kevin, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511604 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Brabec, Kevin, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515913 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bracken, Michael, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511372 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP** Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2200.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Bracken, Michael, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516134 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP** Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2300.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Bradley, Randy, F, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509183 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 858.00 Other (specify) 239.00 SUBTOTAL of Receipts This Page (optional).....

FOR LINE NUMBER: PAGE 151 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bradley, Randy, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513306 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 897.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Bradt, Joan, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510542 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr HR Information Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Bradt, Joan, H, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515130 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr HR Information Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 79.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 152 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Brady, Christopher, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510366 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Brady, Christopher, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514769 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Brammer, David, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510673 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 660.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Brammer, David, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512669 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 690.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Brandofino, Louis, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508510 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Braun, Richard, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2512175 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional).....

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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Braun, Richard, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515452 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Breen, Donald, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508545 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Breen, Donald, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514066 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 155 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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1632

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FOR LINE NUMBER: PAGE 158 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

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FOR LINE NUMBER: PAGE 160 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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TOTAL This Period (last page this line number only).....

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PAGE 163 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Brinson, Ruth, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509532 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Software Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Brinson, Ruth, D, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512854 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Software Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Brissette, Bruce, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509891 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Software** Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional).....

FOR LINE NUMBER: PAGE 164 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

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FOR LINE NUMBER: PAGE 165 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 166 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Brossus, Glenn, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515140 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mar Electronics Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Brossus, Glenn, P, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2602202 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Brossus, Glenn, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 29 2017 City Zip Code State Transaction ID: A2017-2602203 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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PAGE 169 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Broussard, Donna, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512381 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Bus Dev Operations Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Broussard, Donna, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2515498 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Bus Dev Operations Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Brown, Bruce, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510994 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Architect** Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

7

FOR LINE NUMBER: PAGE 170 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Brown, Bruce, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514730 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Architect** Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Brown, Christopher, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2510008 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 21.75 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 478.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Brown, Christopher, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512955 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 21.75 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 500.25 Other (specify) 83.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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FOR LINE NUMBER: PAGE 172 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 174 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 175 OF 1632

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	NAME OF COMMITTEE (In Full) Employees of Northrop Grumman Corporation PAC								
_		•							
Α.	Full Name of Individual (Last, First, Middle Initial Bruner, Erich, $\boldsymbol{C},$,	Date of Receipt							
	Mailing Address 2980 Fairview Park Drive	11 03 2017							
	City	State	Zip Code	Transaction ID : A2017-2511293					
	Falls Church	VA	22042	Amount of Each Receipt this Period					
	FEC ID number of contributing federal political committee.	С		38.50					
	Name of Employer (for Individual) Northrop Grumman Corporation	Grumman Corporation Mgr Engineering							
	Receipt For: Primary General Other (specify) ▼	Aggregate	Year-to-Date ▼ 808.50						
В.	Full Name of Individual (Last, First, Middle Initial Bruner, Erich, C, ,	Date of Receipt							
	Mailing Address 2980 Fairview Park Drive	11 17 Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y							
	City Falls Church	State	Zip Code 22042	Transaction ID : A2017-2515836					
	FEC ID number of contributing federal political committee.	C	22042	Amount of Each Receipt this Period 38.50					
	Name of Employer (for Individual) Northrop Grumman Corporation		cupation (for Individual) r Engineering	Memo Item					
	Receipt For: Primary General Other (specify) ▼	Aggregate	Year-to-Date ▼ 847.00						
<u> </u>	Full Name of Individual (Last, First, Middle Initial Bruni, Sudi, , ,	Date of Receipt							
	Mailing Address 2980 Fairview Park Drive	M M / D D / Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y							
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2017-2509738 Amount of Each Receipt this Period					
	FEC ID number of contributing federal political committee.	С		50.00					
	Name of Employer (for Individual) Northrop Grumman Corporation		supation (for Individual) lic Relations Rep	Memo Item					
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F	FOR LINE NUMBER:					PAGE 176 OF				1632		
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		13		14		15		16		17		

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TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 177 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 178 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 180 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 181 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 182 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Buckman, Emily, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512592 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 55.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1265.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Buckwalter, Gerald, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508554 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Buckwalter, Gerald, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512604 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 95.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 183 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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PAGE 184 OF 1632 12 13 14 15 16

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FOR LINE NUMBER: PAGE 186 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

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FOR LINE NUMBER: PAGE 187 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 189 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 190 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Burgess, Thomas, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512652 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Burgett, Monte, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2510391 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Burgett, Monte, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513981 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 191 OF (check only one) **X** 11a 11b 11c

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FOR LINE NUMBER: PAGE 192 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 193 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

1632

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Burnett, Brandi, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509407 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Bus Dev Operations Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Burnett, Brandi, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514390 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Bus Dev Operations Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 884.58 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Burney, Sanford, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509030 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Business Development Rep** Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 86.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 194 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Burton, Scott, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510972 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Burton, Scott, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514523 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Buscemi, Paul, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2510392 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional).....

FOR LINE NUMBER: PAGE 196 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Buscemi, Paul, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513982 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Bush, Wesley, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510426 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 190.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chairman and CEO Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 4180.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Bush, Wesley, G., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514015 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 190.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chairman and CEO Receipt For: Aggregate Year-to-Date ▼ Primary General 4370.00 Other (specify) 418.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 197 OF (check only one) **X** 11a 11b 11c 12

1632 Use separate schedule(s) for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Butler, Suzanne, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508948 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 809.20 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Butler, Suzanne, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512626 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 847.66 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Butta, Mitchell, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509174 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) 115.38 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: PAGE 198 OF									032			
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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Butta, Mitchell, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513297 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Butterfield, Troy, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510830 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Database Architect** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 660.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Butterfield, Troy, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514936 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Database Architect** Receipt For: Aggregate Year-to-Date ▼ Primary General 690.00 Other (specify) 98.46 SUBTOTAL of Receipts This Page (optional).....

FOR LINE NUMBER: PAGE 199 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Butts, Kenneth, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510297 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Butts, Kenneth, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513479 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Buzby, John, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2508546 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 2200.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 200 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Buzby, John, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514067 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 2300.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Bybee, Pamela, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509952 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Business Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Bybee, Pamela, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514381 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 180.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 201 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bynum, Kirk, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510038 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **Technical Fellow** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Bynum, Kirk, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512985 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Technical Fellow** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 442.29 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Byrnes, Scott, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2508923 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) 76.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 202 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Byrnes, Scott, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513053 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Cabbell, Daniel, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512001 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 550.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Cabbell, Daniel, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516299 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) 88.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Cadmus, David, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510116 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Cadmus, David, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513530 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 884.58 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Calderon, Bernand, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511157 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 21.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 430.00 Other (specify) 97.92 SUBTOTAL of Receipts This Page (optional).....

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Name of Employer (for Individual)

General

Northrop Grumman Corporation

Receipt For:

Primary

Other (specify)

SCHEDULE A (FEC Form 3X) FOR LINE NUMBER: PAGE 205 OF 1632 Use separate schedule(s) (check only one) ITEMIZED RECEIPTS for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Caldwell, Steven, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509109 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 305.41 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Caldwell, Steven, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513364 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 343.88 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Calhoun, Donald, E., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2512145 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee.

880.00

Occupation (for Individual)

Mgr Programs

Aggregate Year-to-Date ▼

Memo Item

Receipt For:

Primary

Other (specify)

General

SCHEDULE A (FEC Form 3X) ITEMIZED RECEIPTS

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Calhoun, Donald, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515423 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Calhoun, Thomas, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID: A2017-2510809 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Pgm Cost Sched&Cntrol Anlyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 550.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Calhoun, Thomas, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513650 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Pgm Cost Sched&Cntrol Anlyst

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575.00

Aggregate Year-to-Date ▼

FOR LINE NUMBER: PAGE 207 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Callahan, Sean, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512376 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 110.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 2420.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Callahan, Sean, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515493 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 110.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2530.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Callis, Mark, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2512112 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 260.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 208 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Callis, Mark, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515390 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Camp, Arlene, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512322 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1759.55 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Camp, Arlene, L., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515520 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1855.70 Other (specify) 232.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 209 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

1632

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Campbell, Karen, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512327 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 3846.08 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Campbell, Karen, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515525 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 3942.25 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Campbell, Stephen, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511727 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 212.34 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 210 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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1632

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FOR LINE NUMBER: PAGE 214 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Cano, Fernando, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515196 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Canto, Gabriel, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511260 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 423.06 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Canto, Gabriel, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514896 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 442.29 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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FOR LINE NUMBER: PAGE 216 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Capoccia, Michael, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515104 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Capps, Patrick, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID: A2017-2509988 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Pgm Planning Schedlng Anlyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Capps, Patrick, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512934 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Pgm Planning Schedlng Anlyst Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify)

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PAGE 217 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Carlson, Inez, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509352 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Carlson, Inez, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514873 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Carlson, Kenneth, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510919 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: PAGE 219 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 223 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Carrozza, Dominic, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509243 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Carrozza, Dominic, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513679 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Carruth, Cory, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510277 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 41.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 902.00 Other (specify) 121.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 224 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Carruth, Cory, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515257 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 41.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 943.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Carstens, Ruth, P, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512258 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Org Effectiveness Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 769.20 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Carstens, Ruth, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515745 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Org Effectiveness Receipt For: Aggregate Year-to-Date ▼ Primary General 807.66 Other (specify) 117.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Carter, Michael, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511733 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 847.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Carter, Michael, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516039 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 885.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Carter, Sheldon, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509485 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 117.00 SUBTOTAL of Receipts This Page (optional).....

FOR LINE NUMBER: PAGE 226 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Carter, Sheldon, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514221 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Carter, Thomas, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508981 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Carter, Thomas, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512742 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Cartney, Douglas, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512419 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Cartney, Douglas, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2515382 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Carus, Frank, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509765 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 2123.00 Other (specify) 176.50 SUBTOTAL of Receipts This Page (optional).....

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PAGE 228 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Carus, Frank, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513106 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2219.50 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Carvell, Sidney, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508553 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Security Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Carvell, Sidney, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512603 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Security Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 116.50 SUBTOTAL of Receipts This Page (optional).....

FOR LINE NUMBER: PAGE 229 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Casabella, Susan, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509078 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 65.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Intl Trade Compliance Anlyst Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1430.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Casabella, Susan, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512792 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 65.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Intl Trade Compliance Anlyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1495.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Casady, Aaron, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510306 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Subcontract Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 858.00 Other (specify) 169.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 230 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

1632

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Casady, Aaron, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513488 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Subcontract Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 897.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Casali, Albert, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509064 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Hardware Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Casali, Albert, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512778 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Hardware Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 79.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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PAGE 231 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Casey, Charles, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510317 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Electronics** Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Casey, Charles, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513499 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Electronics** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Casey, Charles, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 30 2017 City State Zip Code Transaction ID: A2017-2602204 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Electronics** Receipt For: Aggregate Year-to-Date ▼ Primary General 250.00 Other (specify) 30.00 SUBTOTAL of Receipts This Page (optional).....

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FOR LINE NUMBER: PAGE 232 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Casey, Charles, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2602205 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Electronics** Receipt For: Aggregate Year-to-Date ▼ Primary General 250.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Casey, Daniel, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511834 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 1.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Electromechanical Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 211.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Casey, Daniel, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2516362 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 1.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Electromechanical Receipt For: Aggregate Year-to-Date ▼ Primary General 212.00 Other (specify) 12.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 233 OF 1632 Use separate schedule(s) for each category of the Detailed Summary Page

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Full Name of Individual (L Casey, John, R, , Mailing Address 2980 Fai		or Full Orga			Date of Receipt 11 03 2017
City Falls Church FEC ID number of contrib federal political committee	0	State Zip Code 22042			Transaction ID : A2017-2509876 Amount of Each Receipt this Period 40.00
Name of Employer (for In Northrop Grumman Corpo Receipt For: ☐ Primary ☐ Gr ☐ Other (specify) ▼	ration	Occupation (for Individual) Mgr Engineering Aggregate Year-to-Date ▼			Memo Item
Full Name of Individual (Language Casey, John, R, , Mailing Address 2980 Fair City		or Full Orga	nization Name		Date of Receipt 11
Falls Church FEC ID number of contrib federal political committee	•	C	22042		Amount of Each Receipt this Period 40.00
Name of Employer (for In Northrop Grumman Corpor Receipt For: ☐ Primary ☐ Grum Other (specify) ▼	ration			920.00	Memo Item
Full Name of Individual (L. Casey, Marcia, L, Mailing Address 2980 Fai	,				Date of Receipt 11 03 2017
FEC ID number of contrib federal political committee Name of Employer (for In Northrop Grumman Corpo	dividual)		Zip Code 22042 tion (for Individual		Transaction ID : A2017-2509958 Amount of Each Receipt this Period 50.00 Memo Item
Receipt For:		Aggregate Yea	ar-to-Date ▼	100.00	
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FOR LINE NUMBER: PAGE 234 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Casper, Scott, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508596 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Tool Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Casper, Scott, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515145 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Tool Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Castelli, Randal, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2512111 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 26.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 520.00 Other (specify) 66.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 235 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Castelli, Randal, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515389 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 26.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 546.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Castellon, Jose, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510096 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Castellon, Jose, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515202 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 106.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 236 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Caverly, Torin, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511308 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Caverly, Torin, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2515851 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 575.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Cawley, Martin, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511039 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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PAGE 237 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Cawley, Martin, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513148 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP Business Management** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Cawley, Patrick, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510575 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Spares Coordination Rep Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Cawley, Patrick, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513776 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Spares Coordination Rep Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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SCHEDULE A (FEC Form 3X) ITEMIZED RECEIPTS

FOR LINE NUMBER, DACE 220 OF 1622 Use separate schedule(s) for each category of the Detailed Summary Page

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Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Caylor, Mark, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508695 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 182.30 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Corp VP and President MS Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 4010.60 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Caylor, Mark, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2514978 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 182.30 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp VP and President MS Receipt For: Aggregate Year-to-Date ▼

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Full Name of Individual (Last, First, Middle In Chamblin, Richard, , ,								
Mailing Address 2980 Fairview Park Drive			11 03 Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y					
City	State	Zip Code	Transaction ID : A2017-2510406					
Falls Church	VA	22042	Amount of Each Receipt this Period					
FEC ID number of contributing federal political committee.	С		38.46					
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Northrop Grumman Corporation	Gover	nment Affairs Rep						
Receipt For: Primary General Other (specify)	Aggregate Y	ear-to-Date ▼ 678.82						
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FOR LINE NUMBER: PAGE 239 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Chamblin, Richard, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513996 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Government Affairs Rep Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 717.28 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Chambliss, Chris, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510622 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Chambliss, Chris, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513823 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 240 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632 12 13 14 15 16

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FOR LINE NUMBER: PAGE 242 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Chaney, Daniel, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510723 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 847.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Chaney, Daniel, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2512720 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 885.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Chang, Patrick, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2508892 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 346.14 Other (specify) 96.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 243 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Chang, Patrick, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513946 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Software Quality Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 365.37 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Chappel, Brian, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510395 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 80.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1760.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Chappel, Brian, E, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513985 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 80.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General 1840.00 Other (specify) 179.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 244 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 245 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Chavez, Donald, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514679 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Asoc Gen Cnsl and Sctr Cnsl Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2211.45 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Checa-Garcia, Araceli, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511033 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Budgeting Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Checa-Garcia, Araceli, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513967 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Budgeting Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 116.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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PAGE 247 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Chen, Wayne, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513831 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 760.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Chen, Wennei, Y,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509193 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Material Process** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Chen, Wennei, Y, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513316 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Material Process** Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 248 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Chen, Yaochung, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510661 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Chen, Yaochung, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512657 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 575.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Chenault, Robert, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509605 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Database Administrator** Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 249 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

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1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Cheung, Alvin, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510278 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 23.81 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 523.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Cheung, Alvin, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515258 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 23.81 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 547.63 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Cheung, Francis, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2511991 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mfg Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 67.62 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 251 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 252 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 254 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Choi, Henry, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512239 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Choi, Henry, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2515572 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Chong, Frank, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509373 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 847.00 Other (specify) 78.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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FOR LINE NUMBER: PAGE 255 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Chong, Frank, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514094 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 885.50 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Chorosinski, Leonard, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512309 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Mechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Chorosinski, Leonard, G., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515806 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Mechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General 1380.00 Other (specify) 158.50 SUBTOTAL of Receipts This Page (optional).....

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FOR LINE NUMBER: PAGE 257 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

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7

FOR LINE NUMBER: PAGE 258 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

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FOR LINE NUMBER: (check only one) **X** 11a 11b 11c

PAGE 260 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Clark, Cameron, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508826 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Clark, Cameron, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2512582 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 450.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Clark, Edward, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID : A2017-2509790 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) 69.23 SUBTOTAL of Receipts This Page (optional).....

7

FOR LINE NUMBER: PAGE 261 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 262 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Clarke, Mary, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511104 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **Administration Generalist** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Clarke, Mary, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513214 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Administration Generalist Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Cleveland, Catherine, A., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID : A2017-2510120 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp Dir Asst General Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General 1650.00 Other (specify) 155.00 SUBTOTAL of Receipts This Page (optional).....

FOR LINE NUMBER: PAGE 265 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Cleveland, Catherine, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513534 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Corp Dir Asst General Counsel Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1725.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Cloutier, Daniel, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2511568 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Cloutier, Daniel, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515878 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 95.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 266 OF (check only one) **X** 11a 11b 11c

1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Clower, Dayna, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510791 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Clower, Dayna, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513632 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Cloyd, Joseph, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509596 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 780.78 Other (specify) 130.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 267 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Cloyd, Joseph,,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514155 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 830.78 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Coates, Donald, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510844 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Coates, Donald, B., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514349 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Development Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Coffee, Cynthia, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510747 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Project Management** Receipt For: Aggregate Year-to-Date ▼ Primary General 835.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Coffee, Cynthia, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514507 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Project Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 875.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Cohen, Miriam, C., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509295 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.24 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Proposals Receipt For: Aggregate Year-to-Date ▼ Primary General 423.28 Other (specify) 99.24 SUBTOTAL of Receipts This Page (optional).....

Primary

Other (specify)

General

ITEMIZED RECEIPTS

SCHEDULE A (FEC Form 3X) FOR LINE NUMBER: PAGE 269 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Cohen, Miriam, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513250 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.24 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Proposals Receipt For: Aggregate Year-to-Date ▼ Primary General 442.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Coleman, Stephen, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2512278 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 550.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Coleman, Stephen, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515775 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼

575.00

FOR LINE NUMBER: PAGE 270 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Collar, Stuart, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511549 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Collar, Stuart, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2516181 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Collier, Wesley, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID : A2017-2510160 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 32.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 704.00 Other (specify) 52.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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FOR LINE NUMBER: PAGE 271 OF 1632 Use separate schedule(s)

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Collier, Wesley, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513573 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 32.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 736.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Collins, Donal, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508921 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 423.06 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Collins, Gregory, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2512353 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation HR Business Partner Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 61.23 SUBTOTAL of Receipts This Page (optional).....

7

FOR LINE NUMBER: PAGE 272 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Collins, Gregory, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515550 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) HR Business Partner Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Collins, Pamela, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511224 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 26.32 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Pgm Planning Schedlng Anlyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 579.04 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Collins, Pamela, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514575 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 26.32 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Pgm Planning Schedlng Anlyst Receipt For: Aggregate Year-to-Date ▼ Primary General 605.36 Other (specify) 62.64 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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PAGE 273 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Collins, Patricia, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511371 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Collins, Patricia, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516133 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 575.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Collins, Scott, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509265 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional).....

7

FOR LINE NUMBER: PAGE 274 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Collins, Scott, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513701 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Collins, Traci, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512113 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 808.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Collins, Traci, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515391 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Dir Communications** Receipt For: Aggregate Year-to-Date ▼ Primary General 847.00 Other (specify) 87.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7 7

FOR LINE NUMBER: PAGE 275 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Collins, William, B, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509207 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Collins, William, B., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513330 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 442.29 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Colson, Jan, H., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509885 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 48.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 276 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Colson, Jan, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514655 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Colter, Keith, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512190 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 11.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Microelec Smcndctr Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 242.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Colter, Keith, C., Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City Zip Code State Transaction ID: A2017-2515467 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 11.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Microelec Smcndctr Receipt For: Aggregate Year-to-Date ▼ Primary General 253.00 Other (specify) 32.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7 7

FOR LINE NUMBER: PAGE 277 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

1632

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Colvin, Keith, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510471 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Colvin, Keith, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514314 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Colwell, William, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511174 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp Dir Asst General Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

Receipt For:

Primary

General

ITEMIZED RECEIPTS

SCHEDULE A (FEC Form 3X) FOR LINE NUMBER: PAGE 278 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Colwell, William, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512461 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Corp Dir Asst General Counsel Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Comer, Wayland, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511642 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 550.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Comer, Wayland, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515951 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering

Other (specify)	575.00						
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1632

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1632

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Conner, Fred, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513013 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Conner, Kevin, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509215 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Information Sys Tech Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 423.06 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Conner, Kevin, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513338 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Information Sys Tech Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 442.29 Other (specify) 48.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 283 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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1632

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FOR LINE NUMBER: PAGE 288 OF 1632 Use separate schedule(s)

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PAGE 293 OF 1632 12 13 14 15 16

for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Copija, Matthew, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514401 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 690.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Corbin, Richard, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2509872 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Corbin, Richard, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512922 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 110.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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	NAME OF COMMITTEE (In Full)			
$ \rangle$	Employees of Northrop Grumma	n Corpora	tion PAC	
Α.	Full Name of Individual (Last, First, Middle Initial Corey, Samantha, L, ,	al) or Full Orga	anization Name	Date of Receipt
	Mailing Address 2980 Fairview Park Drive			11 03 2017
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2017-2511825 Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С		19.23
	Name of Employer (for Individual) Northrop Grumman Corporation	'	ation (for Individual) upply Chain Planning	Memo Item
	Receipt For: Primary General Other (specify) ▼	Aggregate Yea		
_	Full Name of Individual (Last, First, Middle Initia	al) or Full Orga	anization Name	
B.	Corey, Samantha, L, , Mailing Address 2980 Fairview Park Drive			Date of Receipt 11 17 2017
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2017-2516353 Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С		19.23
	Name of Employer (for Individual) Northrop Grumman Corporation		ation (for Individual) upply Chain Planning	Memo Item
	Receipt For: Primary General Other (specify) ▼	Aggregate Yea	ar-to-Date ▼ 442.29	
С .	Full Name of Individual (Last, First, Middle Initial Corkran, Sarah, H, ,	al) or Full Orga	anization Name	Date of Receipt
	Mailing Address 2980 Fairview Park Drive	0	7. O.d.	M M / D D / Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2017-2511419 Amount of Each Receipt this Period
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	Name of Employer (for Individual) Northrop Grumman Corporation		ation (for Individual) ply Chain Planning	Memo Item
	Receipt For: Primary General Other (specify)	Aggregate Yea	ar-to-Date ▼ 585.00	
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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Corso, Michael, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511411 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Embedded Software** Receipt For: Aggregate Year-to-Date ▼ Primary General 420.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Corso, Michael, P, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2515597 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Embedded Software Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Cortez, Sergio, G., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511222 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 50.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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federal political committee.

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Name of Employer (for Individual)	Occupation (for Individual)	Wellio Relli
Northrop Grumman Corporation	Mgr Programs	
Receipt For: Primary General	Aggregate Year-to-Date ▼	
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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Cotter, Thomas, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511541 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Cotter, Thomas, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2516173 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 442.29 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Coulon, Bridget, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509209 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 76.92 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Human Resources and Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 1692.24 Other (specify) 115.38 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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SCHEDULE A (FEC Form 3X) ITEMIZED RECEIPTS

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Other (specify) ▼	4	846.12						
Full Name of Individual (Last, First, Middle Ini Cox, Gary, A, , Mailing Address 2980 Fairview Park Drive	Mailing Address 2980 Fairview Park Drive							
City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)		Zip Code 22042 ation (for Individual) oftware Development ear-to-Date ▼ 308.00	Transaction ID: A2017-2509563 Amount of Each Receipt this Period 14.00 Memo Item					
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Cox, Gary, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512886 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 14.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Software Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 322.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Cox, John, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2511156 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Assistant General Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 2115.30 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Cox, John, F, , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City Zip Code State Transaction ID: A2017-2512443 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Assistant General Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General 2211.45 Other (specify) 206.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Cox, Kenneth, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509517 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 90.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1980.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Cox, Kenneth, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514255 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 90.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 2070.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Coyle, Ray, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509735 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 220.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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FOR LINE NUMBER: PAGE 307 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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1632

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FOR LINE NUMBER: PAGE 313 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 314 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 315 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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1632

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FOR LINE NUMBER: PAGE 317 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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PAGE 319 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Curry, Gregory, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510429 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Curry, Gregory, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID : A2017-2514018 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Curtin, Michael, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509089 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional).....

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FOR LINE NUMBER: PAGE 322 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Curtis, Yolanda, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514298 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 885.50 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Cushing, Donna, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510712 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Cushing, Donna, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512709 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 118.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: PAGE 326 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Daegele, Diane, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512927 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP Business Management** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 976.17 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Daegele, John, F, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509873 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 990.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Daegele, John, F, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512923 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1035.00 Other (specify) 186.17 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FEC Schedule A (Form 3X) Rev. 06/2016

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FOR LINE NUMBER: PAGE 330 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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SCHEDULE A (FEC Form 3X)

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7

FOR LINE NUMBER: PAGE 334 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Darden, Christopher, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514568 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Subcontract Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Dargis, Dawn, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509179 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 846.12 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Dargis, Dawn, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513302 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) 116.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 335 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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	the name and address of any political committee to	
NAME OF COMMITTEE (In Full) Employees of Northrop Grum	nman Corporation PAC	
Full Name of Individual (Last, First, Middle Daugherty, Michael, D,	e Initial) or Full Organization Name	Date of Receipt
Mailing Address 2980 Fairview Park Drive		11 17 / Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y
City Falls Church	State Zip Code VA 22042	Transaction ID : A2017-2514530
	VA 22042	Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C	19.23
Name of Employer (for Individual)	Occupation (for Individual)	Memo Item
Northrop Grumman Corporation	Mgr Software Engineering	
Receipt For:	Aggregate Year-to-Date ▼	
Primary General Other (specify) ▼	442.29	
Full Name of Individual (Last, First, Middle Daughters, Christopher, G, ,	lnitial) or Full Organization Name	Date of Receipt
Mailing Address 2980 Fairview Park Drive		11 03 2017
City	State Zip Code	Transaction ID : A2017-2508590
Falls Church	VA 22042	Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C	40.00
Name of Employer (for Individual) Northrop Grumman Corporation	Occupation (for Individual) VP Program Management	Memo Item
Receipt For: Primary General Other (specify) ▼	Aggregate Year-to-Date ▼ 880.00	
Full Name of Individual (Last, First, Middle C. Daughters, Christopher, G, ,	e Initial) or Full Organization Name	Date of Receipt
Mailing Address 2980 Fairview Park Drive		11 17 2017
City Falls Church	State Zip Code VA 22042	Transaction ID : A2017-2515139 Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C	40.00
Name of Employer (for Individual) Northrop Grumman Corporation	Occupation (for Individual) VP Program Management	Memo Item
Receipt For:	Aggregate Year-to-Date ▼	
Primary General Other (specify)	920.00	
SUBTOTAL of Receipts This Page (optional)	99.23
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FOR LINE NUMBER: PAGE 337 OF (check only one) **X** 11a 11b 11c

1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Davidson, Greg, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509138 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Proposals Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Davidson, Greg, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514430 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Proposals Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Davies, Benjamin, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511950 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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7

FOR LINE NUMBER: PAGE 340 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 341 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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1632

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FOR LINE NUMBER: PAGE 344 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 345 OF (check only one) **X** 11a 11b 11c 12

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1632

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FOR LINE NUMBER: PAGE 351 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Del Duca, Maureen, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511198 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Deputy General Counsel Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2115.30 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Del Duca, Maureen, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2512488 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Deputy General Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2211.45 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Del Vecchio, Michael, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509486 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 212.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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FOR LINE NUMBER: PAGE 353 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 355 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 356 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Denham, Stephanie, O,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514812 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Deninger, Frederick, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID: A2017-2510759 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mfg Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Deninger, Frederick, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512809 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mfg Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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7

FOR LINE NUMBER: PAGE 361 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Deshpande, Sonal, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516164 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Mission and Qual Assurance Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Desper, Stephen, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509223 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Desper, Stephen, G., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513345 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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1632

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1632

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Di Camillo, Nicholas, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508944 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Di Camillo, Nicholas, F, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2512622 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Di Maggio, Anthony, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509764 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Prod Planning Sched Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional).....

FOR LINE NUMBER: PAGE 368 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Di Maggio, Anthony, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513105 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Prod Planning Sched Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Diacopoulos, Chris, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512198 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Diacopoulos, Chris, G, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515476 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: PAGE 370 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 371 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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	City	State	Э	Zip Code		Transaction ID : A2017-2512038
	Falls Church	VA		22042	-	Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С				38.47
	Name of Employer (for Individual)		Occupa	tion (for Individual)		Memo Item
	Northrop Grumman Corporation			siness Development		□
	Receipt For:			· · · · · · · · · · · · · · · · · · ·		
		Aggre	gate Ye	ar-to-Date ▼		
				307.76		
	Other (specify) ▼			307.70		
_	Full Name of Individual (Last, First, Middle Initia	al) or F	ull Orga	nization Name		
B.	Dixon, Daniel, N, ,	u., c	u 0.90			Date of Receipt
	Mailing Address 2980 Fairview Park Drive					
	Walling Address 2960 Fallylew Park Drive					11 17 2017
	City	State	<u> </u>	Zip Code	_	
	Falls Church	VA		· .		Transaction ID : A2017-2515287
	Fails Church	VA		22042		Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С				46.07
	Name of Employer (for Individual) Northrop Grumman Corporation			ation (for Individual) siness Development		Memo Item
	Receipt For:	Aggre	gate Ye	ar-to-Date ▼		
	Primary General	33 -	J		- 1	
	Other (specify) ▼		. 4	353.83		
_						
C	Full Name of Individual (Last, First, Middle Initial Dizon, Edwino, M, ,	al) or F	ull Orga	inization Name		Date of Receipt
٥.	Mailing Address 2980 Fairview Park Drive					<u> </u>
	Zaon Lallalem Lalk Dline					11 03 2017
	City	State		Zip Code		Transaction ID : A2017-2511531
	Falls Church	VA		22042		Amount of Each Receipt this Period
	EEC ID number of contribution					and an each recorpt this relied
	FEC ID number of contributing federal political committee.	C				11.54
	Name of Employer (for Individual)		Occupa	tion (for Individual)		Memo Item
	Northrop Grumman Corporation		Dir Stra	itegic Planning		
	Receipt For:	Agare	gate Ye	ar-to-Date ▼		
	Primary General	7.99.0	94.0		-	
	Other (specify)			253.88		
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s	UBTOTAL of Receipts This Page (optional)					96.08
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Dizon, Edwino, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515724 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 11.54 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Strategic Planning Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 265.42 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Doami, David, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509734 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Doami, David, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514145 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 51.54 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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PAGE 377 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Dominy, W, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509126 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Subcontract Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Dominy, W, T, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513380 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Subcontract Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Donato, Erin, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2508495 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Accounting Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional).....

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FOR LINE NUMBER: PAGE 378 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Donato, Erin, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513422 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Accounting Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Dooley, Kevin, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512409 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 423.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Dooley, Kevin, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515372 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 442.75 Other (specify) 48.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Dorsett, David, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513853 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 867.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Dorsey, Christopher, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509676 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1100.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Dorsey, Christopher, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514282 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Doshi, Nimish, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509925 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP Internal Audit** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2115.30 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Doshi, Nimish, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514695 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Internal Audit** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2211.45 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Douthit, Floyd, T, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2508803 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 858.00 Other (specify) 231.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Full Name of Individual (Last, First, Middle Ir Dowdy, Adam, J, ,	nitial) or Full Org	anization Name	Date of Receipt
Mailing Address 2980 Fairview Park Drive			11 17 2017
City	State	Zip Code	Transaction ID : A2017-2515449
Falls Church	VA	22042	Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C		20.00
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Northrop Grumman Corporation	Engin	eer	
Receipt For: Primary General Other (specify)	Aggregate Y	ear-to-Date ▼ 460.00	
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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Doyle, Robin, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510686 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Mgr Enterprise Wide Apps Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Doyle, Robin, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID: A2017-2512682 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mgr Enterprise Wide Apps Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Drake, Dale, B, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2510389 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Computer Systems Architect Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional).....

FOR LINE NUMBER: PAGE 386 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Drake, Dale, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513979 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Computer Systems Architect Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Drake, Terrianne, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510031 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 846.34 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Drake, Terrianne, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512978 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 884.81 Other (specify) 96.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: PAGE 387 OF 1632

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NAME OF COMMITTEE (In Full) Employees of Northrop Grumm	nan Corporation PAC	
Full Name of Individual (Last, First, Middle In Dres, Nicholas, A, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)	State Zip Code 22042 C Occupation (for Individual) Mgr Business Management Aggregate Year-to-Date ▼	Date of Receipt 11 03 2017 Transaction ID : A2017-2510778 Amount of Each Receipt this Period 40.00 Memo Item
Full Name of Individual (Last, First, Middle Ir Dres, Nicholas, A, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)	State Zip Code VA 22042 C Occupation (for Individual) Mgr Business Management Aggregate Year-to-Date 920.00	Date of Receipt 11 17 2017 Transaction ID : A2017-2514567 Amount of Each Receipt this Period 40.00 Memo Item
Full Name of Individual (Last, First, Middle In Dreshfield, Kenneth, J, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)	State Zip Code VA Z2042 C Occupation (for Individual) Mgr Electronics Engineering Aggregate Year-to-Date 880.00	Date of Receipt 11 03 2017 Transaction ID: A2017-2508592 Amount of Each Receipt this Period 40.00 Memo Item
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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Dube, Gail, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510374 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Information Sys Tech Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 420.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Dube, Gail, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2514777 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Information Sys Tech Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Dubia, Denise, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510403 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Compensation Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) 65.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Dubia, Denise, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513993 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Compensation Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Dubois, Susanne, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511936 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1435.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Dubois, Susanne, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516235 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 1510.00 Other (specify) 175.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: PAGE 392 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Duerr, Robert, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514462 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineering Fellow** Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Dufresne, John, N, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508936 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1100.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Dufresne, John, N., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512614 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify)

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Duke, Stephen, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514412 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Sys Modeling Simul Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Dulay, Scott, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512015 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 423.06 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Dulay, Scott, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516313 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 442.29 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional).....

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Dulmovits, John, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513446 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Duncan, Kerron, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2511407 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Duncan, Kerron, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516169 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Occupation (for Individual) Name of Employer (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional).....

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PAGE 397 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions

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NAME OF COMMITTEE (In Full) Employees of Northrop Gru	mman Corporation PAC	
Full Name of Individual (Last, First, Midd Dunford, Kevin, J, , Mailing Address 2980 Fairview Park Drive	<u> </u>	Date of Receipt
City Falls Church	State Zip Code VA 22042	Transaction ID : A2017-2509990 Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C	38.47
Name of Employer (for Individual) Northrop Grumman Corporation	Occupation (for Individual) Dir Business Management	Memo Item
Receipt For: Primary General Other (specify) ▼	Aggregate Year-to-Date ▼ 724.46	
Full Name of Individual (Last, First, Midd Dunford, Kevin, J, , Mailing Address 2980 Fairview Park Drive		Date of Receipt
City Falls Church	State Zip Code VA 22042	Transaction ID : A2017-2512936 Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C	38.47
Name of Employer (for Individual) Northrop Grumman Corporation	Occupation (for Individual) Dir Business Management	Memo Item
Receipt For: Primary General Other (specify) ▼	Aggregate Year-to-Date ▼ 762.93	
Full Name of Individual (Last, First, Mido Dunlap, Michelle, , ,	, 0	Date of Receipt
Mailing Address 2980 Fairview Park Driv City	State Zip Code	11 03 2017
Falls Church	VA 22042	Transaction ID : A2017-2510816 Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C	20.00
Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)	Occupation (for Individual) Financial Analyst Aggregate Year-to-Date ▼ 440.00	Memo Item
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Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Dunn, Michael, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512972 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Tax Accounting Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Dunton, Michael, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2510988 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Dunton, Michael, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2514725 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00

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Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)	Occupation (for Individual) Dir Systems Engineering Aggregate Year-to-Date ▼ 920.00	Memo Item
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1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Durrant, Carol, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515791 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Opers Pgm Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Duster, William, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2511571 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Duster, William, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515881 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 403 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Dutchyshyn, Harry, V,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511970 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2100.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Dutchyshyn, Harry, V, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2516268 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 2200.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Duve, Diane, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510824 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) 219.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Use separate schedule(s) for each category of the Detailed Summary Page

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Mailing Address 2980 Fairview Park Drive			11 03 2017
City	State	Zip Code	Transaction ID : A2017-2510139
Falls Church	VA	22042	Amount of Each Receipt this Period
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FOR LINE NUMBER: PAGE 406 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 410 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: (check only one) **X** 11a 11b 11c

PAGE 412 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ebert, Dean, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515270 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2211.45 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Eckhart, Andrew, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2511177 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Test** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1100.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Eckhart, Andrew, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512465 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Test** Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) 196.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 413 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Eckman, Emmet, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509165 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 858.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Eckman, Emmet, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512598 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 897.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Eckman, Melinda, G., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2508653 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) 116.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 414 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Eckman, Melinda, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513017 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Eddy, Maxson, V, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509996 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 540.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Eddy, Maxson, V, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512943 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 560.00 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 415 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Edgerton, Terence, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511360 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Controller Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Edgerton, Terence, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2516122 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Controller Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 807.66 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Edwards, Brittany, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510232 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Business Process Analyst** Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 96.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 416 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 418 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Edwards, Michael, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513533 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Edwards, Phillip, T, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511859 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1100.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Edwards, Phillip, T, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516387 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) 150.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 419 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Edwards Veihdeffer, Deborah, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508555 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 210.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Edwards Veihdeffer, Deborah, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512823 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Ehman, Julia, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2511413 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 40.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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PAGE 421 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ekhaguere, David, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508810 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 97.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Test** Receipt For: Aggregate Year-to-Date ▼ Primary General 776.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Ekhaguere, David, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512566 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 97.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Test** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 873.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Elbert, Eugene, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2511705 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) 219.00 SUBTOTAL of Receipts This Page (optional).....

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FOR LINE NUMBER: PAGE 429 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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	FOF	R LINE	NUMBER	PAGE	= 4	30 OF	1	632	
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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ennis, Charles, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509661 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Ennis, Charles, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2514267 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 575.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Ennis, William, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509829 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 431 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ennis, William, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514044 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Ensor, Joseph, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2512392 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1100.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Ensor, Joseph, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516101 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 432 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Epperly, Wesley, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511748 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Epperly, Wesley, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516054 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 575.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Epperson, Sean, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2511115 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 14.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 308.00 Other (specify) 64.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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FOR LINE NUMBER: PAGE 434 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Erickson, David, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509582 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Erickson, David, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2512905 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 442.29 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Erikson, Carol, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2508937 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1100.00 Other (specify) 88.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 435 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Erikson, Carol, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512615 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Erk, Michael, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508873 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 375.41 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Erk, Michael, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513927 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 413.88 Other (specify) 126.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 436 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 437 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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	13	14		15		16		17

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FOR LINE NUMBER: PAGE 439 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Fabis, John, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510985 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Fabis, John, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2514722 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Fagnant, John, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2511609 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 2200.00 Other (specify) 140.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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PAGE 443 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Fagnant, John, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515918 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2300.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Fahrenkrug, David, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508775 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Fahrenkrug, David, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512530 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 180.00 SUBTOTAL of Receipts This Page (optional).....

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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Fallon, Moira, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510081 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and CFO Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Fallon, Moira, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515187 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and CFO Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Falls, Pamela, H, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510151 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Bus Dev Operations Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Falls, Pamela, H, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513564 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Bus Dev Operations Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Farrell, Darren, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510230 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Program Control Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Farrell, Darren, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513769 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Program Control Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 40.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Farrington, Robert, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508684 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Farrington, Robert, P, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513049 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Fath, Perry, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511868 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Fath, Perry, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515500 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Faulkner, Allison, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511529 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Embedded Software Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Faulkner, Allison, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515722 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Embedded Software Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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<u> </u>	Full Name of Individual (Last, First, Middle Initi Fax, J, A, ,	al) or Full Orga	anization Name	Date of Receipt
	Mailing Address 2980 Fairview Park Drive			11 03 2017
	City	State	Zip Code	
	Falls Church	VA	22042	Transaction ID : A2017-2511717 Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С		20.00
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	Northrop Grumman Corporation	Dir Pro		_
	Receipt For:	Aggregate Ye	ar-to-Date ▼	
	Primary General Other (specify) ▼		440.00	
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D	Full Name of Individual (Last, First, Middle Initi	al) or Full Orga	anization Name	Data of Descript
В.	Fax, J, A,			Date of Receipt
	Mailing Address 2980 Fairview Park Drive			11 17 2017
	City	State	Zip Code	Transaction ID : A2017-2516024
	Falls Church	VA	22042	Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С		20.00
	Name of Employer (for Individual) Northrop Grumman Corporation	Occupa Dir Pro	ation (for Individual) ograms	Memo Item
	Receipt For:	Aggregate Ye	ar-to-Date ▼	
	Primary General Other (specify) ▼		460.00	
	c.i.o. (opco.i.y) V		4	
С.	Full Name of Individual (Last, First, Middle Initi- Fedenko, Christine, M, ,	al) or Full Orga	anization Name	Date of Receipt
	Mailing Address 2980 Fairview Park Drive			11 03 / Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2017-2508562
				Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	C		60.00
	Name of Employer (for Individual)		ation (for Individual)	Memo Item
	Northrop Grumman Corporation		ber Incident Response	_
	Receipt For: Primary General	Aggregate Ye	ar-to-Date ▼	
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1632

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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Felix, Arthur, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510231 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Felix, Arthur, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513770 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 480.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Fellows, Sherrill, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2508500 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Information Sys Project Mgr Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 50.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Fellows, Sherrill, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513427 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Information Sys Project Mgr Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Fenton, Gregory, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510178 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontract Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Fenton, Gregory, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513591 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontract Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 30.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ____

FOR LINE NUMBER: PAGE 454 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Fernandez, Craig, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515186 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mar Logistics Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Ferranto, Lawrence, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511843 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Production Operations** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 866.14 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Ferranto, Lawrence, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516371 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Production Operations** Receipt For: Aggregate Year-to-Date ▼ Primary General 906.14 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Feverston, Michael, S, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512195 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 430.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Feverston, Michael, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2515472 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 450.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Fewell, John, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2512206 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 457 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Fewell, John, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515484 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 442.29 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Fiandola, Janet, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2509037 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Fiandola, Janet, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513076 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 39.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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1632

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Fica, Tina, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510588 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **Test Conductor** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 435.08 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Fica, Tina, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513789 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Test Conductor** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 454.31 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Figueredo, Pedro, T, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2512156 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.40 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 844.80 Other (specify) 76.86 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 459 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 460 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 461 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 462 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 463 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 465 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

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PAGE 469 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Flammang, Steven, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515976 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 442.29 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Flanagan, Karin, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508523 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Mergers and Acquisitions Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2112.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Flanagan, Karin, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513449 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Mergers and Acquisitions Receipt For: Aggregate Year-to-Date ▼ Primary General 2208.00 Other (specify) 211.23 SUBTOTAL of Receipts This Page (optional).....

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PAGE 470 OF 1632 11c 12 13 14 15 16

Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Flatt, John, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510799 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Site Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1100.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Flatt, John, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513640 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Site Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1150.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Flattes, Christopher, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2508924 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 12.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Contract Administrator Receipt For: Aggregate Year-to-Date ▼ Primary General 275.00 Other (specify) 112.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Flattes, Christopher, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513054 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 12.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Contract Administrator Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 287.50 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Flemate, Javier, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511016 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineering Fellow** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Flemate, Javier, G, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID : A2017-2514712 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineering Fellow** Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 52.50 SUBTOTAL of Receipts This Page (optional).....

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1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Fleming, Robert, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511964 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Fleming, Robert, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516263 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 884.58 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Flores, Ernest, F, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510883 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 858.00 Other (specify) 115.92 SUBTOTAL of Receipts This Page (optional).....

FOR LINE NUMBER: PAGE 473 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Flores, Ernest, F, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515027 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 897.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Flores, Mark, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509692 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 423.06 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Flores, Mark, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2514103 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Development Receipt For: Aggregate Year-to-Date ▼ Primary General 442.29 Other (specify) 77.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Flynn, James, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511246 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Flynn, James, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514597 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Fong, Jorge, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2511238 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 423.50 Other (specify) 39.25 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 477 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Fong, Jorge, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514589 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 442.75 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Fong, Steven, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511653 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Fong, Steven, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515962 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 59.25 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 478 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Fontenrose, Erin, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508950 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 480.75 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Fontenrose, Erin, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2512628 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 519.21 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Ford, Peter, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2508871 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 116.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ford, Peter, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513925 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 360.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Forney, Sandra, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509314 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 858.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Forney, Sandra, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513269 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 897.00 Other (specify) 118.00 SUBTOTAL of Receipts This Page (optional).....

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FOR LINE NUMBER: PAGE 481 OF 1632 Use separate schedule(s)

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FOR LINE NUMBER: PAGE 482 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Foshay, William, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510289 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Foshay, William, G, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2513470 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Fouch, Andrew, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509950 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.26 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 423.72 Other (specify)

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Frankovich, Bret, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511585 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Pricing Cost Estimating Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Frankovich, Bret, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515894 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Pricing Cost Estimating Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 575.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Franzen, Daniel, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510355 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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1632

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FOR LINE NUMBER: PAGE 492 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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1632

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PAGE 496 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Freeman, William, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509327 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 847.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Freeman, William, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513284 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 885.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Frei, Christopher, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2508602 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 97.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Frei, Christopher, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515151 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Frei, Timothy, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2510911 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Strat & Missions Solutions Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2200.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Frei, Timothy, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515055 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Strat & Missions Solutions Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2300.00 Other (specify) 220.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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SCHEDULE A (FEC Form 3X)

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Fritinger, Amy, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510749 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 26.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 583.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Fritinger, Amy, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514509 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 26.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 609.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Froelich, David, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2511815 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Software** Receipt For: Aggregate Year-to-Date ▼ Primary General 846.34 Other (specify) 91.47 SUBTOTAL of Receipts This Page (optional).....

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1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Froelich, David, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516343 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Software** Receipt For: Aggregate Year-to-Date ▼ Primary General 884.81 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Froning, James, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511093 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mfg Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Froning, James, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513203 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mfg Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 58.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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FOR LINE NUMBER: PAGE 503 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 505 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Fung, Steven, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515235 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 900.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Furukawa, Bradley, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2510338 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and CTO Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2115.30 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Furukawa, Bradley, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514741 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and CTO Receipt For: Aggregate Year-to-Date ▼ Primary General 2211.45 Other (specify) 232.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Gambhir, Sukhdeep, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513480 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and CTO Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 650.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Gan, Jennifer, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510237 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 35.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 770.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Gan, Jennifer, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515217 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 35.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 805.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 512 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Garcia, William, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511652 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Test** Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Garcia, William, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2515961 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Test** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Garcia Yost, DeAnna, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510251 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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NAME OF COMMITTEE (In Full) Employees of Northrop Grum	man Corporation PAC	
Full Name of Individual (Last, First, Middle Garcia Yost, DeAnna, R, , Mailing Address 2980 Fairview Park Drive	Initial) or Full Organization Name	Date of Receipt
		11 17 2017
City	State Zip Code VA 22042	Transaction ID : A2017-2515231
Falls Church	VA 22042	Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C	40.00
Name of Employer (for Individual) Northrop Grumman Corporation	Occupation (for Individual) Dir Supply Chain Planning	Memo Item
Receipt For: Primary General Other (specify) ▼	Aggregate Year-to-Date ▼ 920.00	
Full Name of Individual (Last, First, Middle Gardenhire, Eric, P, ,	Initial) or Full Organization Name	Date of Receipt
Mailing Address 2980 Fairview Park Drive	10:1	11 03 2017
City Falls Church	State Zip Code VA 22042	Transaction ID : A2017-2510249 Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C	19.23
Name of Employer (for Individual) Northrop Grumman Corporation	Occupation (for Individual) Mgr Programs	Memo Item
Receipt For: Primary General Other (specify) ▼	Aggregate Year-to-Date ▼ 423.06	
Full Name of Individual (Last, First, Middle Gardenhire, Eric, P, ,	Initial) or Full Organization Name	Date of Receipt
Mailing Address 2980 Fairview Park Drive		M M / D D / Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y
City Falls Church	State Zip Code VA 22042	Transaction ID : A2017-2515229 Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C	19.23
Name of Employer (for Individual) Northrop Grumman Corporation	Occupation (for Individual) Mgr Programs	Memo Item
Receipt For: Primary General Other (specify)	Aggregate Year-to-Date ▼ 442.29	
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FOR LINE NUMBER: PAGE 514 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Gardner, Daniel, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509967 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 23.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 506.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Gardner, Daniel, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514944 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 23.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 529.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Garrison, Michael, A., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510860 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 56.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 515 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Garrison, Michael, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514365 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Gart, Angela, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2511076 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corporate Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 550.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Gart, Angela, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513185 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corporate Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify)

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Gates, Michael, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510153 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Intl Trade Compliance Anlyst Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2200.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Gates, Michael, H., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513566 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Intl Trade Compliance Anlyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2300.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Gayeskie, Teresa, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509273 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Mechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 210.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Gayeskie, Teresa, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513709 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Mechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Gebelein, Craig, H, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID: A2017-2511403 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontracts Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Gebelein, Craig, H., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516165 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontracts Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 30.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

ITEMIZED RECEIPTS

Name of Employer (for Individual)

General

Northrop Grumman Corporation

Receipt For:

Primary

Other (specify)

SCHEDULE A (FEC Form 3X) FOR LINE NUMBER: PAGE 518 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Gedeik, Sandra, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510428 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Software Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Gedeik, Sandra, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2514017 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Software Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Geiger, Robert, H., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509391 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item

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220.00

Occupation (for Individual)

Engineering Fellow

Aggregate Year-to-Date ▼

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FOR LINE NUMBER: PAGE 520 OF (check only one) **X** 11a 11b 11c

1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ghali, Shady, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511972 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Ghali, Shady, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516270 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Giammo, Kevin, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510736 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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	NAME OF COMMITTEE (In Full) Employees of Northrop Grumma	ın Corpora	ation PAC	
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	Mailing Address 2980 Fairview Park Drive	Chaha	7in Code	11 03 2017
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2017-2509919 Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С		10.00
	Name of Employer (for Individual) Northrop Grumman Corporation	1 .	pation (for Individual) Programs	Memo Item
	Receipt For: Primary General Other (specify) ▼	Aggregate Y	ear-to-Date ▼ 220.00	
В.	Full Name of Individual (Last, First, Middle Initi Giansiracusa, Alinda, M, , Mailing Address 2980 Fairview Park Drive	al) or Full Org	ganization Name	Date of Receipt
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2017-2514689 Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С		10.00
	Name of Employer (for Individual) Northrop Grumman Corporation		pation (for Individual) Programs	Memo Item
	Receipt For: Primary General Other (specify) ▼	Aggregate Y	ear-to-Date ▼ 230.00	
С .	Full Name of Individual (Last, First, Middle Initi-Gibbons, Glen, T, ,	al) or Full Org	ganization Name	Date of Receipt
	Mailing Address 2980 Fairview Park Drive	State	7in Codo	11 03 2017
	City Falls Church	VA	Zip Code 22042	Transaction ID : A2017-2509046 Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С		10.00
	Name of Employer (for Individual) Northrop Grumman Corporation Receipt For:	Engine	eer Systems	Memo Item
	Primary General Other (specify)	Aggregate Y	ear-to-Date ▼ 220.00	
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FOR LINE NUMBER: PAGE 530 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

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FOR LINE NUMBER: PAGE 534 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 538 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 539 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Gonzalez, Mary, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510184 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir HR Information Systems Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Gonzalez, Mary, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513597 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir HR Information Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Gonzalez, Pablo, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509477 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 280.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 541 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

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FOR LINE NUMBER: PAGE 542 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Goodwin, Jeannette, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509290 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Intl Trade Compliance Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Goodwin, Jeannette, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513245 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Intl Trade Compliance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 575.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Gough, Robert, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2512255 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1320.00 Other (specify) 110.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 543 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

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FOR LINE NUMBER: PAGE 547 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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1632

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FOR LINE NUMBER: PAGE 551 OF 1632

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\rangle	NAME OF COMMITTEE (In Full) Employees of Northrop Grumman	Corpora	ation PAC	
١.	Full Name of Individual (Last, First, Middle Initial) Graziano, Edward, , ,	or Full Org	anization Name	Date of Receipt
	Mailing Address 2980 Fairview Park Drive			11 17 2017
	City	State VA	Zip Code	Transaction ID : A2017-2513090
	Falls Church	VA	22042	Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С		40.00
	Name of Employer (for Individual) Northrop Grumman Corporation		ation (for Individual) ograms	Memo Item
		Aggregate Yo	ear-to-Date ▼	
	Primary General Other (specify) ▼		920.00	
3.	Full Name of Individual (Last, First, Middle Initial) Green, Donald, R, ,	or Full Org	anization Name	Date of Receipt
	Mailing Address 2980 Fairview Park Drive	1		11 03 Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2017-2510646
	FEC ID number of contributing	VA	22042	Amount of Each Receipt this Period
	federal political committee.	C		25.00
	Name of Employer (for Individual) Northrop Grumman Corporation		oation (for Individual) Mission Assurance	Memo Item
	Receipt For: Primary General Other (specify) ▼	Aggregate Yo	ear-to-Date ▼ 550.00	
).	Full Name of Individual (Last, First, Middle Initial) Green, Donald, R ,	or Full Org	anization Name	Date of Receipt
	Mailing Address 2980 Fairview Park Drive		_	11 17 2017
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2017-2513848
		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	22042	Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С		25.00
	Name of Employer (for Individual) Northrop Grumman Corporation	1	ation (for Individual) lission Assurance	Memo Item
	Possint For:	1 -	ear-to-Date ▼	
	Primary General Other (specify)	iggrogato i	575.00	
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Green, Elizabeth, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510866 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Green, Elizabeth, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514964 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Green, Hilla, B, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID : A2017-2508710 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 990.00 Other (specify) 125.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Green, Hilla, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514993 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 1035.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Green, Kenton, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511886 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 423.06 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Green, Kenton, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2515713 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 442.29 Other (specify) 83.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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FOR LINE NUMBER: PAGE 555 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Green, Timothy, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513255 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 35.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 745.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Greenbaum, Scott, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509814 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.24 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 423.28 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Greenbaum, Scott, A., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513888 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.24 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 442.52 Other (specify) 73.48 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Greenfield, Karyn, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509505 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Contract Admin Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 990.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Greenfield, Karyn, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514243 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1035.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Gregoire, James, G., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2508939 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 110.00 SUBTOTAL of Receipts This Page (optional).....

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Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Gregoire, James, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512617 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Greiner, Michael, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511686 Falls Church VA 22042 Amount of Each Receipt this Period

Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify) ▼	Occupation (for Individual) Dir Programs Aggregate Year-to-Date ▼ 550.00	Memo Item
Full Name of Individual (Last, First, Middle In Greiner, Michael, G, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)	State Zip Code VA 22042 C Occupation (for Individual) Dir Programs Aggregate Year-to-Date 575.00	Date of Receipt 11 17 2017 Transaction ID : A2017-2515994 Amount of Each Receipt this Period 25.00 Memo Item
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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Gridley, Catherine, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511202 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and General Manager Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2115.30 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Gridley, Catherine, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2512492 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2211.45 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Griesmeyer, Barry, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2508528 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 202.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Griesmeyer, Barry, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513454 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Griffin, Scott, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509143 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Dir Marketing Operations** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Griffin, Scott, E., Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City Zip Code State Transaction ID: A2017-2514435 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Dir Marketing Operations** Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 30.00 SUBTOTAL of Receipts This Page (optional).....

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Griffin, Spencer, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510649 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Strategic Planning Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Griffin, Spencer, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2513851 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Griffith, Gerald, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2511701 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: PAGE 561 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Griffith, Gerald, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516008 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Grisafi, Salvatore, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509095 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Grisafi, Salvatore, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514054 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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FOR LINE NUMBER: PAGE 562 OF 1632 Use separate schedule(s)

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Gritti, Nicholas, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510337 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 693.07 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Gritti, Nicholas, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID : A2017-2514740 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 733.07 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Grondin, Janet, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509487 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) SUBTO

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ITEMIZED RECEIPTS fo D Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Gruenwald, Doreen, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511244 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Prod Planning Sched Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Gruenwald, Doreen, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID : A2017-2514595 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Prod Planning Sched Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Gruman, Frederick, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509113 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify)

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FOR LINE NUMBER: PAGE 565 OF 1632

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	NAME OF COMMITTEE (In Full) Employees of Northrop Grumma	n Corpo	ration PAC	
Α.	Full Name of Individual (Last, First, Middle Initi Gruman, Frederick, J, ,	al) or Full O	rganization Name	Date of Receipt
	Mailing Address 2980 Fairview Park Drive			11 17 Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2017-2513368 Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С		10.00
	Name of Employer (for Individual) Northrop Grumman Corporation Receipt For:	Eng	upation (for Individual) ineer Systems	Memo Item
	Primary General Other (specify) ▼	Aggregate	Year-to-Date ▼ 230.00	
В.	Full Name of Individual (Last, First, Middle Initi Grygar, Joseph, M , ,	al) or Full O	rganization Name	Date of Receipt
	Mailing Address 2980 Fairview Park Drive			11 03 Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y
	City Falla Church	State VA	Zip Code 22042	Transaction ID : A2017-2508618
	Falls Church FEC ID number of contributing federal political committee.	C	22042	Amount of Each Receipt this Period
	Name of Employer (for Individual) Northrop Grumman Corporation		upation (for Individual) pineer Systems	Memo Item
	Receipt For: Primary General Other (specify) ▼	Aggregate	Year-to-Date ▼ 220.00	
С.	Full Name of Individual (Last, First, Middle Initial Grygar, Joseph, M , ,	al) or Full O	rganization Name	Date of Receipt
	Mailing Address 2980 Fairview Park Drive			11 17 2017
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2017-2514841 Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С		10.00
	Name of Employer (for Individual) Northrop Grumman Corporation		upation (for Individual) ineer Systems	Memo Item
	Receipt For: Primary General Other (specify)	Aggregate	Year-to-Date ▼ 230.00	
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Guanu, Seth, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510762 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Guanu, Seth, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2512812 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Guerrero, Ryan, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID : A2017-2511600 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Gunther, Richard, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514890 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Guseman, Elizabeth, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2511422 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2200.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Guseman, Elizabeth, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515608 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 2300.00 Other (specify) 240.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hahn, Carl, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508798 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP Chief Compliance Officer** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2115.30 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hahn, Carl, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512554 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Chief Compliance Officer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 2211.45 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hahn, Michael, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509251 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 22.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Material Process** Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 214.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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NAME OF COMMITTEE (In Full) Employees of Northrop Grumm	an Corporation PAC	
Full Name of Individual (Last, First, Middle In Haley, George, , ,	itial) or Full Organization Name	Date of Receipt
Mailing Address 2980 Fairview Park Drive	Out	11 03 2017
City Falls Church	State Zip Code VA 22042	Transaction ID : A2017-2510971 Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C	19.25
Name of Employer (for Individual) Northrop Grumman Corporation	Occupation (for Individual) Mgr Systems Engineering	Memo Item
Receipt For: Primary General Other (specify) ▼	Aggregate Year-to-Date ▼ 423.50	
Full Name of Individual (Last, First, Middle In Haley, George, , , Mailing Address 2980 Fairview Park Drive	itial) or Full Organization Name	Date of Receipt
City	State Zip Code	11 17 2017 Transaction ID : A2017-2514522
Falls Church	VA 22042	Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C	19.25
Name of Employer (for Individual) Northrop Grumman Corporation	Occupation (for Individual) Mgr Systems Engineering	Memo Item
Receipt For: Primary General Other (specify) ▼	Aggregate Year-to-Date ▼ 442.75	
Full Name of Individual (Last, First, Middle In	itial) or Full Organization Name	Date of Receipt
Mailing Address 2980 Fairview Park Drive		11 03 / Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y
City Falls Church	State Zip Code VA 22042	Transaction ID : A2017-2511899 Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C	20.00
Name of Employer (for Individual) Northrop Grumman Corporation	Occupation (for Individual) Mgr Contract Admin	Memo Item
Receipt For: Primary General Other (specify)	Aggregate Year-to-Date ▼ 440.00	
SUBTOTAL of Receipts This Page (optional)	>	58.50
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1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Halfant, Carlis, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516198 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hall, Jennifer, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508922 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Software Development Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hall, Jennifer, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513052 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Software Development Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hall, Randy, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510318 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Architect** Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Hall, Randy, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513500 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Architect** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 442.29 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hall, Richard, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509048 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hall, Richard, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513087 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Haller, William, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509309 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Product Trainer** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 458.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Haller, William, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513264 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Product Trainer** Receipt For: Aggregate Year-to-Date ▼ Primary General 497.00 Other (specify)

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Full Name of Individual (Last, First, Middle In Hamilton, Gregory, A, ,	itial) or Full Or	ganization Name	Date of Receipt
Mailing Address 2980 Fairview Park Drive			11 03 2017
City	State	Zip Code	Transaction ID : A2017-2510862
Falls Church	VA	22042	Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C		10.00
Name of Employer (for Individual)	Occu	pation (for Individual)	Memo Item
Northrop Grumman Corporation	Engin	eer Mechanical	
Receipt For: Primary General Other (specify)	Aggregate \	/ear-to-Date ▼ 220.00	

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1632

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hamlin, John, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511820 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Engineer RF Microwave Design Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Hamlin, John, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516348 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer RF Microwave Design Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 575.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hamman, Eric, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2512014 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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1632

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FOR LINE NUMBER: PAGE 588 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

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FOR LINE NUMBER: PAGE 592 OF 1632

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FOR LINE NUMBER: PAGE 594 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Harper-Hall, Vicky, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515050 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Government Affairs Receipt For: Aggregate Year-to-Date ▼ Primary General 540.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Harrington, Timothy, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511409 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 55.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and Controller Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1210.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Harrington, Timothy, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516171 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 55.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and Controller Receipt For: Aggregate Year-to-Date ▼ Primary General 1265.00 Other (specify) 140.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 595 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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1632

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1632

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FOR LINE NUMBER: PAGE 606 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hayes, Richard, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510876 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 420.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hayes, Richard, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515020 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hayes, Thomas, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID : A2017-2510440 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) 65.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hayes, Thomas, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514029 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Haynesworth, Linnie, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID : A2017-2510691 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 97.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2134.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Haynesworth, Linnie, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512687 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 97.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General 2231.00 Other (specify) 219.00 SUBTOTAL of Receipts This Page (optional).....

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hays, Kathleen, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510060 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hays, Kathleen, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2514923 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 884.58 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hays, Kevin, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2511582 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) 96.15 SUBTOTAL of Receipts This Page (optional).....

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for each category of the **Detailed Summary Page** Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Heeg, Vince, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509995 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Systems Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Heeg, Vince, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512942 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Heiliczer, Rebecca, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2512265 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Human Resources Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional).....

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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Heiliczer, Rebecca, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515762 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Human Resources Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Heiner, Nathaniel, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510134 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Architect** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 846.12 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Heiner, Nathaniel, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513547 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Architect** Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) 96.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 615 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Held, Daniel, N,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512325 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 9.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Architect** Receipt For: Aggregate Year-to-Date ▼ Primary General 203.06 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Held, Daniel, N., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515523 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 9.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Architect** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 212.29 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Heller, Joseph, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2508998 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Proposal Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 28.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 616 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Heller, Joseph, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512759 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Proposal Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Henderson, Catherine, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID: A2017-2509321 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1100.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Henderson, Catherine, A., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513276 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) 110.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: PAGE 617 OF 1632

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fc Γ Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Henderson, Craig, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508621 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Mechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Henderson, Craig, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID: A2017-2514844 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Mechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Henderson, Robert, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2510835 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional).....

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1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Henderson, Robert, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514340 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Hendra, Raymond, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511635 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hendra, Raymond, G., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515944 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 40.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

SCHEDULE A (FEC Form 3X)

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NAME OF COMMITTEE (In Full) Employees of Northrop Grumr	man Corporation PAC	
Full Name of Individual (Last, First, Middle I Herbermann, Carl, R, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify) Other (specify)	State Zip Code VA 22042 C Occupation (for Individual) Dir Programs Aggregate Year-to-Date ▼ 846.12	Date of Receipt 11 03 2017 Transaction ID : A2017-2512316 Amount of Each Receipt this Period 38.46 Memo Item
Full Name of Individual (Last, First, Middle In Herbermann, Carl, R, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify) ▼	State Zip Code VA 22042 C Occupation (for Individual) Dir Programs Aggregate Year-to-Date 884.58	Date of Receipt 11 17 2017 Transaction ID : A2017-2515514 Amount of Each Receipt this Period 38.46 Memo Item
Full Name of Individual (Last, First, Middle I Hereau, Joseph, R, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)	Initial) or Full Organization Name State	Date of Receipt 11 03 2017 Transaction ID : A2017-2510676 Amount of Each Receipt this Period 20.00 Memo Item
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Name of Employer (for Individual)

Northrop Grumman Corporation

SCHEDULE A (FEC Form 3X) ITEMIZED RECEIPTS

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Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hernandez, Christopher, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508577 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP** Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2200.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Hernandez, Christopher, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 11 2017 City State Zip Code Transaction ID: A2017-2513237 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00

Primary General Other (specify) ▼	Aggregate Year-to-Date ▼ 2300.00	
Full Name of Individual (Last, First, Middle In Hernandez, Rogelio, M, , Mailing Address 2980 Fairview Park Drive	nitial) or Full Organization Name	Date of Receipt M M M / D D / Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y
City Falls Church	State Zip Code VA 22042	Transaction ID : A2017-2510887 Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C	40.00
Name of Employer (for Individual) Northrop Grumman Corporation Receipt For:	Occupation (for Individual) Dir Programs	Memo Item
Primary General Other (specify)	Aggregate Year-to-Date ▼ 880.00	
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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Herriage, Michael, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509466 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 80.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1760.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Herriage, Michael, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID: A2017-2514903 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 80.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1840.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Herring, Diane, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2510699 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1100.00 Other (specify) 210.00 SUBTOTAL of Receipts This Page (optional).....

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1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Herring, Diane, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512696 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Herrmann, Barbara, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2510288 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Herrmann, Barbara, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513469 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hewitt, Scot, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510942 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corporate Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hewitt, Scot, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2514448 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corporate Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 575.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Hibbs, John, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2508777 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Electronics** Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) 75.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hilgenberg, Dean, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509357 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Hilgenberg, Dean, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 11 2017 City State Zip Code Transaction ID: A2017-2514878 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 884.58 C

Full Name of Individual (Last, First, Middle Hilger, Eufemia, P, , Mailing Address 2980 Fairview Park Drive	Initial) or Full Orga	nization Name	Date of Receipt 11 03 2017				
City	State	Zip Code	Transaction ID : A2017-2509912				
Falls Church	VA	22042	Amount of Each Receipt this Period				
FEC ID number of contributing federal political committee.	C		100.00				
Name of Employer (for Individual) Northrop Grumman Corporation		tion (for Individual) gram Management	Memo Item				
Receipt For: Primary General Other (specify)	Aggregate Yea	ar-to-Date ▼ 2020.00					
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hilger, Eufemia, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514682 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2120.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hillen, Jason, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509329 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Human Resources Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 660.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hillen, Jason, B, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513286 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Human Resources Receipt For: Aggregate Year-to-Date ▼ Primary General 690.00 Other (specify) 160.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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\	NAME OF COMMITTEE (In Full)					
	Employees of Northrop Grumman	Corporation PAC				
	Full Name of Individual (Last, First, Middle Initial) Ho, Kenton, T, ,	or Full Organization Name	Date of Receipt			
Ī	Mailing Address 2980 Fairview Park Drive		11 17 2017			
	City Falls Church	State Zip Code VA 22042	Transaction ID : A2017-2514644 Amount of Each Receipt this Period			
	FEC ID number of contributing federal political committee.	C	40.00			
	Name of Employer (for Individual) Northrop Grumman Corporation	Occupation (for Individual) Dir Programs	Memo Item			
	Receipt For: Primary General Other (specify) ▼	Aggregate Year-to-Date ▼ 920.00				
3.	Full Name of Individual (Last, First, Middle Initial) Hoang, Thanh, G, , Mailing Address 2980 Fairview Park Drive	or Full Organization Name	Date of Receipt 11 03 2017			
	City Falls Church	State Zip Code VA 22042	Transaction ID : A2017-2511698 Amount of Each Receipt this Period			
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1	Name of Employer (for Individual) Northrop Grumman Corporation	Occupation (for Individual) Engineer Software	Memo Item			
	Receipt For: Primary General Other (specify) ▼	Aggregate Year-to-Date ▼ 880.00				
).	Full Name of Individual (Last, First, Middle Initial) Hoang, Thanh, G, ,	or Full Organization Name	Date of Receipt			
	Mailing Address 2980 Fairview Park Drive		11 17 2017 2017			
_	City Falls Church	State Zip Code VA 22042	Transaction ID : A2017-2516005 Amount of Each Receipt this Period			
	FEC ID number of contributing federal political committee.	C	40.00			
	Name of Employer (for Individual) Northrop Grumman Corporation Receipt For:	Occupation (for Individual) Engineer Software	Memo Item			
	Primary General Other (specify)	Aggregate Year-to-Date ▼ 920.00				
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hoang, Vu, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510264 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Electrical Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 660.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hoang, Vu, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515244 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electrical Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 690.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Hodges, Gregory, L., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509284 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 410.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 633 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hodges, Gregory, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512833 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Hodges, Jason, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512135 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Hodges, Jason, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515661 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hodges, Rudnaldo, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512887 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hoffmann, Joseph, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID: A2017-2511809 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1100.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hoffmann, Joseph, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516337 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 636 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hoffmaster, Erich, V,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512003 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Mission Assurance** Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Hoffmaster, Erich, V, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2516301 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Mission Assurance** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hogan, Stephen, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509288 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Capture Management** Receipt For: Aggregate Year-to-Date ▼ Primary General 2200.00 Other (specify) 140.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 637 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hogan, Stephen, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512837 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP Capture Management** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2300.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Hoggard, Lisa, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508860 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Mission Assurance** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hoggard, Lisa, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513914 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Mission Assurance** Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 140.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hoida, Todd, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509512 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Information Sys Tech Analyst Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Hoida, Todd, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514250 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Information Sys Tech Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Holdren, Mark, T, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511761 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Pricing Cost Estimating Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Holdren, Mark, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515595 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Pricing Cost Estimating Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Hollenshade, Evan, T, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512104 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer RF Microwave Design Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 240.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hollenshade, Evan, T, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515354 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer RF Microwave Design Receipt For: Aggregate Year-to-Date ▼ Primary General 260.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hollis, Tameika, N,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514668 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 807.66 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Holloway, Jeffrey, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2511776 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 846.12 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Holloway, Jeffrey, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516065 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) 115.38 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 642 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Holm, Steven, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510685 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Electronics Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Holm, Steven, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512681 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Holt, Joseph, F, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511591 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hoon, Carl, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512924 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hooten, Leah, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511590 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 846.12 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hooten, Leah, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515899 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) 116.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 646 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hoover, Sandra, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513539 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Staffing Receipt For: Aggregate Year-to-Date ▼ Primary General 210.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Horner, William, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511397 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Assurance Policy Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 423.06 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Horner, William, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515375 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Assurance Policy Receipt For: Aggregate Year-to-Date ▼ Primary General 442.29 Other (specify) 48.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Horoschak, Walter, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509232 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **Engineer Material Process** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Horoschak, Walter, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2513668 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Material Process** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Hosier, Joseph, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511378 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 990.00 Other (specify)

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NAME OF COMMITTEE (In Full) Employees of Northrop Grumm	nan Corporation PAC	
Full Name of Individual (Last, First, Middle In Hosier, Joseph, A,	nitial) or Full Organization Name	Date of Receipt
Mailing Address 2980 Fairview Park Drive		11 17 2017
City Falls Church	State Zip Code VA 22042	Transaction ID : A2017-2516140 Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C	45.00
Name of Employer (for Individual) Northrop Grumman Corporation	Occupation (for Individual) Dir Business Development	Memo Item
Receipt For: Primary General Other (specify) ▼	Aggregate Year-to-Date ▼ 1035.00	
Full Name of Individual (Last, First, Middle Ir Hoskins, Douglas, G, , Mailing Address 2980 Fairview Park Drive	nitial) or Full Organization Name	Date of Receipt 11 03 2017
City	State Zip Code	Transaction ID : A2017-2509566
Falls Church FEC ID number of contributing federal political committee.	VA 22042	Amount of Each Receipt this Period 77.00
Name of Employer (for Individual) Northrop Grumman Corporation	Occupation (for Individual) Dir R and D Portfolio Mgmt	Memo Item
Receipt For: Primary General Other (specify) ▼	Aggregate Year-to-Date ▼ 1694.00	
Full Name of Individual (Last, First, Middle In Hoskins, Douglas, G, ,	nitial) or Full Organization Name	Date of Receipt
Mailing Address 2980 Fairview Park Drive		11 17 2017
City Falls Church	State Zip Code VA 22042	Transaction ID : A2017-2512889 Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C	77.00
Name of Employer (for Individual) Northrop Grumman Corporation Receipt For:	Occupation (for Individual) Dir R and D Portfolio Mgmt	Memo Item
Primary General Other (specify)	Aggregate Year-to-Date ▼ 1771.00	
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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Howard, John, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509428 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Contracts Receipt For: Aggregate Year-to-Date ▼ Primary General 420.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Howard, John, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514410 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Contracts Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Howard, Mitchell, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2511043 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Material Distribution Receipt For: Aggregate Year-to-Date ▼ Primary General 1100.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 650 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Howard, Mitchell, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513152 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Material Distribution Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Howell, Donna, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511893 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Howell, Donna, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516076 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 130.00

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F					PAGE	6	51 OF	1	632	
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	X	11a		11b		11c		12		
		13		14		15		16		17

for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Howell, Michele,,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509147 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Regulatory Compliance Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Howell, Michele, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514439 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Regulatory Compliance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 575.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Howland, Donna, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515158 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 231.00 Other (specify) 88.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOF	R LINE	NUMBER	l:	PAGE	6	52 OF	1	632		
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	13	14		15		16		17		

Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hrdlick, Neil, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511445 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Chief Engineer Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hrdlick, Neil, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515632 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Hudson, William, H, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2508844 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 858.00 Other (specify) 79.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 653 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hudson, William, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513897 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Software Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 897.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Huff, Gary, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511664 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Huff, Gary, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515973 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 119.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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					PAGE	6	54 OF	1	632	
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	X	11a		11b		11c		12		
		13		14		15		16		17

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7 7

FOR LINE NUMBER: PAGE 655 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hull, Karen, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514453 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.24 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Contract Admin Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 442.52 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hull, Kelly, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511112 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Material Distribution Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name C. Hull, Kelly, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513222 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Material Distribution Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 99.24 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 656 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Humphreys, Brian, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511206 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Humphreys, Brian, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2512496 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 807.66 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Huniu, Steve, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509691 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Pricing Cost Estimating Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 86.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 657 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Huniu, Steve, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514102 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Pricing Cost Estimating Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hunsaker, Brent, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID: A2017-2510840 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hunsaker, Brent, G., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514345 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 50.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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F						PAGE	6	58 OF	1	632
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		13		14		15		16		17

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FOR LINE NUMBER: PAGE 659 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hurwitz, John, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513468 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 442.29 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Hutchins, Carole, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511641 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 423.06 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Hutchins, Carole, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515950 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 442.29 Other (specify) 57.69 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 660 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hutchins, Michael, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511471 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Qual Assurance Policy Anlyst Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Hutchins, Michael, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2515824 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Qual Assurance Policy Anlyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Hutchinson, Thomas, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511382 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 661 OF 1632

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3.	Full Name of Individual (Last, First, Middle Initial) Hutto, James, C, , Mailing Address 2980 Fairview Park Drive	or Full Orga	nization Name		Date of	Receipt 03)17	1		
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	Full Name of Individual (Last, First, Middle Initial) Hutto, James, C, ,	or Full Orga	nization Name		Date of	Receipt					
_	Mailing Address 2980 Fairview Park Drive	1 -			M M M	17	20)17			
	City Falls Church	State VA	Zip Code 22042				A2017-2514 eceipt this F				
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1632

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FEC ID number of contributing

Name of Employer (for Individual)

Northrop Grumman Corporation

federal political committee.

Receipt For:

FOR LINE NUMBER: PAGE 663 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hyde, Thomas, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512907 VA Falls Church 22042 Amount of Each Receipt this Period

> Occupation (for Individual) Dir Govt Marketing Sales

C

	Primary General Other (specify) ▼	Aggregate Yea	ar-to-Date ▼ 690.00	
3.	Full Name of Individual (Last, First, Middle Initial Hylton, Timothy, W, , Mailing Address 2980 Fairview Park Drive	ial) or Full Orga	nization Name	Date of Receipt 11 03 2017
	City Falls Church FEC ID number of contributing	State VA	Zip Code 22042	Transaction ID : A2017-2510735 Amount of Each Receipt this Period
	federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation		tion (for Individual)	20.00 Memo Item
	Receipt For: Primary General Other (specify) ▼	Aggregate Yea	ar-to-Date ▼ 440.00	
	Full Name of Individual (Lost First Middle Init	ial) or Full Orga	nization Nama	

Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hylton, Timothy, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2514495 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify)

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FOR LINE NUMBER: PAGE 664 OF 1632

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\setminus	NAME OF COMMITTEE (In Full)							
$ \rangle$	Employees of Northrop Grumma	n Corpora	ation PAC					
_	Full Name of Individual (Last, First, Middle Initia	al) or Full Org	anization Name	Data of Davids				
Α.				Date of Receipt				
	Mailing Address 2980 Fairview Park Drive			11 03 2017				
	City	State	Zip Code	Transaction ID : A2017-2511410				
	Falls Church	VA	22042	Amount of Each Receipt this Period				
	FEC ID number of contributing federal political committee.	С		10.00				
	Name of Employer (for Individual)	Occup	ation (for Individual)	Memo Item				
	Northrop Grumman Corporation	'	y Chain Planning Anlyst					
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	Other (specify) ▼	' ' '	220.00					
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_	Full Name of Individual (Last, First, Middle Initia	al) or Full Org	anization Name					
В.	Hyson, Sharon, L, ,	,		Date of Receipt				
	Mailing Address 2980 Fairview Park Drive			M M / D D / Y Y Y Y				
				11 17 2017				
	City	State	Zip Code	Transaction ID : A2017-2516172				
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	Name of Employer (for Individual)	Occup	pation (for Individual)	Memo Item				
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-	Mailing Address 2980 Fairview Park Drive			M M / D D / Y Y Y Y Y				
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	City	State	Zip Code	Transaction ID : A2017-2511829				
	Falls Church	VA	22042	Amount of Each Receipt this Period				
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	federal political committee.	C		10.00				
	Name of Employer (for Individual)	Occur	ation (for Individual)	Memo Item				
	Northrop Grumman Corporation		estate Specialist	L				
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name lacoboni, Anthony, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516357 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Real Estate Specialist Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Ildefonso, Pamela, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID : A2017-2512405 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Ildefonso, Pamela, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515368 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

SCHEDULE A (FEC Form 3X) FOR LINE NUMBER: PAGE 666 OF 1632 Use separate schedule(s) (check only one) ITEMIZED RECEIPTS for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ildefonso, Steve, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508977 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Ildefonso, Steve, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID : A2017-2512738 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 575.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Illgen, John, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2512429 VA Falls Church 22042 Amount of Each Receipt this Period

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FEC ID number of contributing federal political committee.	C	-20.00
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FOR LINE NUMBER: PAGE 667 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Illgen, John, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512428 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Architect** Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Illgen, John, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513279 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Architect** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 420.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Im, Samuel, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511862 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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FOR LINE NUMBER: PAGE 669 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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PAGE 670 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Inumerable, Gerardo, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513513 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 884.81 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Inzana, Ernest, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511741 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Inzana, Ernest, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516047 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 78.47 SUBTOTAL of Receipts This Page (optional).....

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FOF	PAGE	6	71 OF	1	632			
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	13	14		15		16		17

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FOR LINE NUMBER: PAGE 672 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Irvine, Julie, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515030 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Process Analysis Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Irwin, Christopher, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512355 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer RF Microwave Design Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Irwin, Christopher, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515552 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer RF Microwave Design Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13	14	15	16	17

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FOR LINE NUMBER: PAGE 674 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Isherwood, Michael, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512689 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Marketing Research Rep Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Ishigooka, Kent, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508733 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 423.06 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Ishiqooka, Kent, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515016 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 442.29 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Iten, Marci, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509496 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Subcontract Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Iten, Marci, R. Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514233 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Subcontract Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Jackson, Clyde, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2508655 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Mechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 40.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER:					PAGE	6	76 OF	1	632	
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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Jackson, Ivan, V,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509830 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Jackson, Ivan, V, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2514045 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 425.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Jackson, Peter, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509002 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 847.00 Other (specify) 88.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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FOR LINE NUMBER: PAGE 679 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Jacobson, Scott, I,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510983 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Electronics Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Jacobson, Scott, I,, Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2514534 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Jaggers, Dawn, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509636 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation EEO and Diversity Rep Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 30.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 680 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Jaggers, Dawn, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514195 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) EEO and Diversity Rep Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Jaggers, J Michael, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510334 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 990.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Jaggers, J Michael, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514737 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1035.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Jain, Kiran, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512127 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Jain, Kiran, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515653 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. James, Robert, E., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509441 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 682 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name James, Robert, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509686 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. James, Robert, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514786 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. James, Robert, A., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513727 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 692.28 Other (specify) 116.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

SCHEDULE A (FEC Form 3X)

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Jameson, Justin, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509680 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 858.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Jameson, Justin, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513721 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 897.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Jandra, Raymond, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2508698 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Software Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 88.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Jandra, Raymond, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514981 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Software Quality Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Jarnagin, Brian, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510910 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Jarnagin, Brian, E, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515054 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 50.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: PAGE 685 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Jassey, Robert, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509586 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Jassey, Robert, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512909 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Javier, Vincent, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2512374 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) 65.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Javier, Vincent, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515491 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Jenkins, James, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511203 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Jenkins, James, H, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512493 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 105.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: PAGE 687 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Jennings, Paul, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512149 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Jennings, Paul, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2515427 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 575.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Jensen, James, T, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID : A2017-2511510 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 810.00 Other (specify) 88.50 SUBTOTAL of Receipts This Page (optional).....

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1632

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FOR LINE NUMBER: PAGE 689 OF 1632

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Full Name of Individual (Last, First, Middle III. Johansson, Rick, A, ,	nitial) or Full Orga	anization Name	Date of Receipt				
Mailing Address 2980 Fairview Park Drive			11 03 2017				
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SCHEDULE A (FEC Form 3X)

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Johansson, Rick, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515127 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Information Technology Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Johns, John, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508879 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1100.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Johns, John, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513933 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) 140.00 SUBTOTAL of Receipts This Page (optional).....

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Use separate schedule(s) for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Johnson, Annalynn, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510057 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Subcontracts Administrator Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Johnson, Annalynn, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514920 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Subcontracts Administrator Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Johnson, Beth, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2510372 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Intl Trade Compliance Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Johnson, Beth, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514775 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Intl Trade Compliance Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Johnson, Charles, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510792 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 846.12 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Johnson, Charles, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513633 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) 116.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Structural** Receipt For: Aggregate Year-to-Date ▼ Primary General 690.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Any information or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Johnson, Terry, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512164 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Johnson, Terry, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2515442 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Johnson, Tommy, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2512430 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontracts Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) 39.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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$\overline{}$	NAME OF COMMITTEE (In Full)						
	Employees of Northrop Grumman	Corporat	tion PAC				
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	Mailing Address 2980 Fairview Park Drive				M M / D D / Y Y Y Y		
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Jones, Gregory, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510474 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Jones, Gregory, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2514797 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 1.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 847.12 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Jones, Lisa, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2510290 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 59.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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7

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1632

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FOR LINE NUMBER: PAGE 707 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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SCHEDULE A (FEC Form 3X)

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FOR LINE NUMBER: PAGE 710 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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SCHEDULE A (FEC Form 3X)

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FOR LINE NUMBER: PAGE 712 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 713 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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7

FOR LINE NUMBER: PAGE 715 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 716 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 717 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kagiwada, Reynold, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515111 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 897.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kahr, Michael, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2509971 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Matl Process Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kahr, Michael, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514948 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Matl Process Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 79.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 718 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 719 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kalafos, Paul, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515610 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kalan, Lesley, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510621 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 192.30 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp VP Government Relations Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 4230.60 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Kalan, Lesley, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513822 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 192.30 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp VP Government Relations Receipt For: Aggregate Year-to-Date ▼ Primary General 4422.90 Other (specify) 423.06 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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PAGE 721 OF 1632 Use separate schedule(s) 11c 12 13 14 15 16

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7

FOR LINE NUMBER: PAGE 722 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 723 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 724 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 725 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 14 13 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Karylyle, Brett, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514257 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Test** Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Kasbeer-Betty, Michael, T, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511792 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 550.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kasbeer-Betty, Michael, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516320 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 726 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 727 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 730 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 731 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

1632

Detailed Summary Page 14 13 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Keller, Gina, U, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509964 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1100.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Keller, Gina, U,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514941 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1150.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Keller, Mark, V., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510094 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1100.00 Other (specify) 150.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 732 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12 13 14 15 16

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1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kelly, Kevin, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515580 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 807.66 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Kelly, Maureen, T, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509142 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp Dir Asst General Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kelly, Maureen, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City Zip Code State Transaction ID: A2017-2514434 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp Dir Asst General Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General 1380.00 Other (specify) 158.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 735 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kelly, Michael, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511175 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kelly, Michael, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512462 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kelly, Patrick, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2510446 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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FOR LINE NUMBER: PAGE 737 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kelly, Phillip, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510032 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Kelly, Phillip, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512979 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 884.58 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Kelly, Vincent, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510016 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) 115.38 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kendust, Rick, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508828 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Government Affairs Receipt For: Aggregate Year-to-Date ▼ Primary General 576.92 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Kendust, Rick, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512584 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Government Affairs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.38 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kennedy, Kevin, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2508850 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Software** Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 86.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 740 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Khater, George, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508845 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1100.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Khater, George, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513898 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1150.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kiang, Michael, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2510766 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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1632

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kidney, Robert, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511734 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Supply Chain Planning Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Kidney, Robert, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516040 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Supply Chain Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kidwai, Shakil, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510187 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 748 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 749 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 752 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 753 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name King, Douglas, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514452 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Material Process** Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. King, Michael, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509162 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2115.30 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. King, Michael, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512595 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 2211.45 Other (specify) 212.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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FOR LINE NUMBER: PAGE 757 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 758 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Klimek, Stephen, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509766 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Klimek, Stephen, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2513107 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kling, David, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509937 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 847.00 Other (specify) 78.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 759 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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1632

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FOR LINE NUMBER: PAGE 761 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 762 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

1632

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Knollenberg, Perry, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510039 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Knollenberg, Perry, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2512986 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Knott, Charles, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2512386 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 80.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Design Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1760.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Koch, Stephen, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508974 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Koch, Stephen, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512735 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kocich, Karen, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2511866 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Graphic Arts Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Koehn, John, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509497 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Government Affairs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Koehn, John, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514234 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Government Affairs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 884.58 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Koelemay, Maurice, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509457 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr CA and PTW Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify)

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kono-Fern, Grace, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513009 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Kopf, Lara, N, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID: A2017-2512387 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kopf, Lara, N, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516096 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 105.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 772 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kopp, Stephen, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508560 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 55.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1210.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Kopp, Stephen, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514546 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 55.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1265.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Koppelman, Robert, A., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511455 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Architect** Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) 135.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: (check only one) **X** 11a 11b 11c

PAGE 773 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Koppelman, Robert, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515641 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Architect** Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kountz, Donald, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512220 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 200.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 4400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kountz, Donald, E., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515761 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 200.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 4600.00 Other (specify) 425.00 SUBTOTAL of Receipts This Page (optional).....

FOR LINE NUMBER: (check only one) **X** 11a 11b 11c

PAGE 774 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kountz, Linnea, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512210 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Embedded Software** Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kountz, Linnea, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2515751 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Embedded Software Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Kovacsics, Christopher, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511325 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 692.28 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 775 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 776 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 777 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

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FOR LINE NUMBER: PAGE 779 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kratz, David, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513109 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Strategic Planning Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kraus, Ronald, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511440 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 550.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Kraus, Ronald, G, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515627 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 780 OF (check only one) **X** 11a 11b 11c

1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Krause, Thomas, N,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511740 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Krause, Thomas, N, , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2516046 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 442.29 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Kreger, James, H, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2512179 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) 76.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

7

FOR LINE NUMBER: PAGE 781 OF (check only one) **X** 11a 11b 11c

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7

FOR LINE NUMBER: PAGE 782 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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PAGE 783 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Krocza, Jennifer, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515688 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kropschot, Frank, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID: A2017-2508725 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 26.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 572.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Kropschot, Frank, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515008 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 26.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 598.00 Other (specify) 90.46 SUBTOTAL of Receipts This Page (optional).....

7

FOR LINE NUMBER: PAGE 784 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kubasky, Michael, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509001 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kubasky, Michael, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2512762 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kubilus, Stuart, E., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2508485 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 380.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 785 OF (check only one) **X** 11a 11b 11c

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FOR LINE NUMBER: PAGE 786 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kubo, Kenneth, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511692 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Software Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kubo, Kenneth, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516000 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kuester, Steven, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509296 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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PAGE 787 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kuester, Steven, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513251 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Kukla, Kathryn, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510652 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Intl Trade Compliance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 423.06 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Kukla, Kathryn, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513854 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Intl Trade Compliance Receipt For: Aggregate Year-to-Date ▼ Primary General 442.29 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional).....

7

FOR LINE NUMBER: PAGE 788 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kumamoto, Dan, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508636 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Electronics Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kumamoto, Dan, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514860 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kunesh, Crystal, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509164 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation User Applications Liaison Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 50.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 789 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kunesh, Crystal, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512597 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **User Applications Liaison** Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Kurfurst, Robert, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID: A2017-2511946 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Kurfurst, Robert, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516245 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 790 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

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FOR LINE NUMBER: PAGE 792 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kuwahara, Clyde, Y,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509351 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kuwahara, Clyde, Y,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2514872 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 575.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. La Salle, John, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509833 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 793 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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Northrop Grumman Corporation

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Receipt For:

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FOR LINE NUMBER: PAGE 794 OF 1632 Use separate schedule(s) for each category of the Detailed Summary Page

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Other (specify) ▼		460.00	
Full Name of Individual (Last, First, Middle In Lage, Bruce, L, , Mailing Address 2980 Fairview Park Drive	itial) or Full Orga	anization Name	Date of Receipt 11 03 2017
City	State	Zip Code	Transaction ID : A2017-2510926
Falls Church	VA	22042	Amount of Each Receipt this Period
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Name of Employer (for Individual) Northrop Grumman Corporation	Occupa Dir Pro	ation (for Individual) grams	Memo Item
Receipt For: Primary General Other (specify)	Aggregate Ye	ear-to-Date ▼ 846.12	
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FOR LINE NUMBER: PAGE 795 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Laib, Bernhard, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509774 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Subcontract Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Laib, Bernhard, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513115 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Subcontract Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Lamb, Mark, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511657 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional).....

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FOR LINE NUMBER: PAGE 797 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

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FOR LINE NUMBER: PAGE 798 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lambert, Brett, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508800 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 192.30 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Strategic Planning Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 4230.60 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lambert, Brett, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512556 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 192.30 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 4422.90 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lambert, Richard, F., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509394 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 55.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and CIO Receipt For: Aggregate Year-to-Date ▼ Primary General 1210.00 Other (specify) 439.60 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 799 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lambert, Richard, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514324 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 55.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and CIO Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1265.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Lampkins, Joanna, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510266 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Lampkins, Joanna, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515246 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 135.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 800 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lancaster, Frederic, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510150 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lancaster, Frederic, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2513563 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 884.58 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lancaster, Matthew, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510101 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Security Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 116.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 801 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lancaster, Matthew, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513515 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Security Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Land, Kevin, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509674 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Land, Kevin, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514280 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 802 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lane, Daniel, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508512 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lane, Daniel, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513438 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lane, Francine, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512722 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Employee Relations Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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FOR LINE NUMBER: PAGE 803 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lane, Robert, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511237 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lane, Robert, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2514588 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Langdale, Gregory, A., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511073 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Administration Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 50.00 SUBTOTAL of Receipts This Page (optional).....

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PAGE 804 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Langdale, Gregory, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513182 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Administration Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Langston, Paul, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2510242 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 846.34 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Langston, Paul, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515222 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 884.81 Other (specify) 86.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Any or f	y information copied from such Reports and State for commercial purposes, other than using the na	ements may ame and add	not be sold or ι ress of any poli	used by any person tical committee to	n for the purpose of soliciting contributions solicit contributions from such committee.
	NAME OF COMMITTEE (In Full) Employees of Northrop Grumman	Corpora	ntion PAC		
	Full Name of Individual (Last, First, Middle Initial) Lansdale, Conor, , ,) or Full Org	anization Name		Date of Receipt
1	Mailing Address 2980 Fairview Park Drive				11 03 / Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y
	City Falls Church	State VA	Zip Code 22042		Transaction ID : A2017-2511146 Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С			39.00
ı	Name of Employer (for Individual) Northrop Grumman Corporation	Budge	ation (for Individ	lual)	Memo Item
ſ	Receipt For: Primary General Other (specify) ▼	Aggregate Ye	ear-to-Date ▼	858.00	
3.	Full Name of Individual (Last, First, Middle Initial) Lansdale, Conor, , , Mailing Address 2980 Fairview Park Drive) or Full Org	anization Name		Date of Receipt M M / D D / Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y
	City Falls Church	State VA	Zip Code 22042		Transaction ID : A2017-2513875 Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С			39.00
1	Name of Employer (for Individual) Northrop Grumman Corporation	1	ation (for Individet Analyst	lual)	Memo Item
Ī	Receipt For: Primary General Other (specify) ▼	Aggregate Ye	ear-to-Date ▼	897.00	
).	Full Name of Individual (Last, First, Middle Initial) Lappe, Eugene, B, ,) or Full Org	anization Name		Date of Receipt
_	Mailing Address 2980 Fairview Park Drive	Stoto	Zin Cada		11 03 2017
	City Falls Church	State VA	Zip Code 22042		Transaction ID : A2017-2511416 Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С			40.00
ı	Name of Employer (for Individual) Northrop Grumman Corporation Receipt For:	Dir Bus	ation (for Individ siness Managem	<i>'</i>	Memo Item
	Receipt For: Primary General Other (specify)	Aggregate Ye	ear-to-Date ▼	850.00	
SL	JBTOTAL of Receipts This Page (optional)			_	118.00
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1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lappe, Eugene, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515602 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 890.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Larabee, John, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2509318 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Larabee, John, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513273 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Laroi, Michael, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512287 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Laroi, Michael, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2515784 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Larson, Troy, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509507 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 27.78 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 388.92 Other (specify) 107.78 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 808 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Larson, Troy, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514245 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 27.78 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 416.70 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lasater, Bruce, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2509472 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Test** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lasater, Bruce, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512839 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Test** Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 67.78 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ____

FOR LINE NUMBER: PAGE 809 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632 12 13 14 15 16

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FOR LINE NUMBER: PAGE 810 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Laurendi, Anthony, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513402 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Laws, Randall, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2511105 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Laws, Randall, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City Zip Code State Transaction ID: A2017-2513215 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 30.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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PAGE 811 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lawton, Douglas, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511401 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 80.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1760.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Lawton, Douglas, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516163 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 80.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1840.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lazio, Carol, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513282 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 420.00 Other (specify) 202.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOF	R LINE	PAGE	8	12 OF	1	632			
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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Leavitt, Todd, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516271 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2211.45 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Lebitsch, Joseph, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2511722 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lebitsch, Joseph, R, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516029 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 136.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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1632

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ledbetter, Paul, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512267 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 230.76 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Ledbetter, Paul, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2515764 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 249.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Ledford, Sean, B, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2511453 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 815 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ledford, Sean, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515640 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lee, Barbara, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510083 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lee, Barbara, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515189 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 120.00

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lee, Eun, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510268 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lee, Eun, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2515248 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lee, Florence, F, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2508951 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Information Sys Project Mgr Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 50.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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PAGE 817 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lee, Florence, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512629 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Information Sys Project Mgr Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lee, John, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2510262 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lee, John, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City Zip Code State Transaction ID: A2017-2515242 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 30.00 SUBTOTAL of Receipts This Page (optional).....

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FOR LINE NUMBER: PAGE 818 OF 1632 Use separate schedule(s)

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FOR LINE NUMBER: PAGE 819 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lee, Wayne, I,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515988 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lee, Wendy, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID: A2017-2509882 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Lee, Wendy, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514652 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 78.46

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PAGE 820 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Leesman, Gabrielle, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515357 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Sys Modeling Simul Receipt For: Aggregate Year-to-Date ▼ Primary General 240.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Legaski, Stanley, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510412 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Legaski, Stanley, F., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514001 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: PAGE 822 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lehto, Gary, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513006 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Leimkuhler, Matthew, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511292 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 23.08 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 507.76 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Leimkuhler, Matthew, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515835 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 23.08 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 530.84 Other (specify) 56.16 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 823 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lemons, Kerry, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509620 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lemons, Kerry, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514179 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 575.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lentz, Robert, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510319 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 2115.30 Other (specify) 146.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 824 OF 1632 Use separate schedule(s) for each category of the Detailed Summary Page

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NAME OF COMMITTEE (In Full) Employees of Northrop Grumm	an Corporation PAC	
Full Name of Individual (Last, First, Middle In Lentz, Robert, E, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)	State Zip Code 22042 C Occupation (for Individual) VP Program Management Aggregate Year-to-Date 2211.45	Date of Receipt 11 17 2017 Transaction ID: A2017-2513501 Amount of Each Receipt this Period 96.15 Memo Item
Full Name of Individual (Last, First, Middle In Lenz, Deborah, A, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)	State Zip Code 22042 C Occupation (for Individual) Mgr Subcontract Programs Aggregate Year-to-Date 220.00	Date of Receipt 11 03 2017 Transaction ID : A2017-2510226 Amount of Each Receipt this Period 10.00 Memo Item
Full Name of Individual (Last, First, Middle In Lenz, Deborah, A, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)	State Zip Code 22042 C Occupation (for Individual) Mgr Subcontract Programs Aggregate Year-to-Date 230.00	Date of Receipt 11 17 2017 Transaction ID : A2017-2513765 Amount of Each Receipt this Period 10.00 Memo Item
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FOR LINE NUMBER: PAGE 825 OF 1632

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NAME OF COMMITTEE (In Full) Employees of Northrop Grumn	nan Corporation PAC	
Full Name of Individual (Last, First, Middle II Leo, Richard, M, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)	State Zip Code VA 22042 C Occupation (for Individual) VP Business Management Aggregate Year-to-Date ▼ 1320.00	Date of Receipt 11 03 2017 Transaction ID : A2017-2509785 Amount of Each Receipt this Period 60.00 Memo Item
Full Name of Individual (Last, First, Middle II Leo, Richard, M, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify) ▼	State Zip Code VA 22042 C Occupation (for Individual) VP Business Management Aggregate Year-to-Date ▼ 1380.00	Date of Receipt 11 20 2017 Transaction ID : A2017-2567608 Amount of Each Receipt this Period 60.00 Memo Item
Full Name of Individual (Last, First, Middle In Leonard, Michael, F, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)	State Zip Code VA Z2042 C Occupation (for Individual) Engineer Systems Architect Aggregate Year-to-Date ▼ 440.00	Date of Receipt 11 03 2017 Transaction ID: A2017-2509797 Amount of Each Receipt this Period 20.00 Memo Item
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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Leonard, Michael, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513138 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Architect** Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Leonard, Richard, P, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512134 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 28.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Mechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 616.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Leonard, Richard, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515660 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 28.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Mechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General 644.00 Other (specify) 76.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lesmeister, Michael, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514623 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Lester, Roger, N, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2510022 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 23.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Architect** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 506.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Lester, Roger, N., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512969 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 23.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Architect** Receipt For: Aggregate Year-to-Date ▼ Primary General 529.00 Other (specify) 86.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: PAGE 830 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lewis, David, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514075 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Process Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lewis, Oscar, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512357 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 550.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lewis, Oscar, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515406 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 831 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lewis, Robert, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511089 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lewis, Robert, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513199 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lewis, Steven, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2511399 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 40.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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FOR LINE NUMBER: PAGE 834 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Liepmann, Till, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514140 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 690.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Lima, Bryan, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509033 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 70.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1540.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lima, Bryan, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513072 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 70.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1610.00 Other (specify) 170.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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1632

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FOR LINE NUMBER: PAGE 837 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Linde, Rudolph, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512360 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 990.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Linde, Rudolph, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515409 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1035.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Linder, Paul, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509705 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) 109.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 838 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 839 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Linnekin, Richard, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516315 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General 731.50 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Lintner, Philip, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511550 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Business Development Rep** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lintner, Philip, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID : A2017-2516182 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Business Development Rep** Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 58.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lively, Keith, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515885 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lobin, D, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509061 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 847.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Lobin, D, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City Zip Code State Transaction ID: A2017-2513100 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 885.50 Other (specify) 117.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: PAGE 845 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lofton, Arthur, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509235 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 150.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Mission and Qual Assurance Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 3300.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lofton, Arthur, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2513671 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 150.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Mission and Qual Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 3450.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Loggins, Henry, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2510308 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) 325.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Loggins, Henry, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513490 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Lohneiss, Robert, F, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508968 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lohneiss, Robert, F, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512729 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 105.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: PAGE 848 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Longmore, Ruben, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516248 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Supply Chain Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Longtin, Gary, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510368 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mechanical Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Longtin, Gary, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514771 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mechanical Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify)

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lonner, Mark, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510671 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Structural Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lonner, Mark, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512667 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Structural Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lopez, Lawrence, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510502 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 30.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lorenz, John, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511530 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lorenz, John, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515723 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 442.29 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lott, James, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509953 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Project Management** Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) 63.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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NAME OF COMMITTEE (In Full) Employees of Northrop Grum	man Corporation PAC	
Full Name of Individual (Last, First, Middle Lott, James, T, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify) Other (specify)	Initial) or Full Organization Name State Zip Code 22042 C Occupation (for Individual) Project Management Aggregate Year-to-Date ▼	Date of Receipt 11 17 2017 Transaction ID: A2017-2514382 Amount of Each Receipt this Period 25.00 Memo Item
Full Name of Individual (Last, First, Middle Louden, Philip, E, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify) ▼	Initial) or Full Organization Name State Zip Code VA 22042 C Occupation (for Individual) Dir Business Development Aggregate Year-to-Date ▼ 1100.00	Date of Receipt 11 03 2017 Transaction ID : A2017-2512026 Amount of Each Receipt this Period 50.00 Memo Item
Full Name of Individual (Last, First, Middle Louden, Philip, E, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)	Initial) or Full Organization Name State Zip Code 22042 C Occupation (for Individual) Dir Business Development Aggregate Year-to-Date ▼ 1150.00	Date of Receipt 11 17 2017 Transaction ID: A2017-2515276 Amount of Each Receipt this Period 50.00 Memo Item
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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Louie, Patricia, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510082 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Software Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Louie, Patricia, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2515188 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 442.29 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Love, Sean, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510043 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) 76.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

ITEMIZED RECEIPTS

SCHEDULE A (FEC Form 3X) FOR LINE NUMBER: PAGE 854 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Love, Sean, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512990 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Low, Madeleine, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508712 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 245.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Low, Madeleine, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514995 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00

SCHEDULE A (FEC Form 3X)

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ITEMIZED RECEIPTS for each category of the **Detailed Summary Page** Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lowe, John, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509664 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Logistics Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lowe, John, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514270 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Logistics Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Lowe, Karen, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID : A2017-2510422 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 1650.00 Other (specify) 95.00 SUBTOTAL of Receipts This Page (optional).....

SCHEDULE A (FEC Form 3X)

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NAME OF COMMITTEE (In Full)										
Employees of Northrop Grum	nman Corpo	ration PAC								
Full Name of Individual (Last, First, Middle Lowe, Karen, R, ,	nitial) or Full O	rganization Name	Dat	e of	Re	ceipt				
Mailing Address 2980 Fairview Park Drive				тм 11	/	17		2017	Y	
City	State	Zip Code	Т	ansa	acti	on ID :	A2017-2	2514011		
Falls Church	VA	22042	Am	ount	of	Each F	Receipt t	his Period	t	
FEC ID number of contributing federal political committee.	C					-	-	75	.00	
Name of Employer (for Individual) Northrop Grumman Corporation		upation (for Individual) Govt Marketing Sales		Me	mo	Item				
Receipt For:	Aggregate	Year-to-Date ▼								
Primary General Other (specify) ▼		1725.00								
Full Name of Individual (Last, First, Middle	Initial) or Full O	rganization Name			_	!!				
Lowe, Victor, W, , Mailing Address 2980 Fairview Park Drive			M	e of M	He	ceipt 03		2017	Y	
City	State	Zip Code	Tı	ansa	acti	on ID :	A2017-2			
Falls Church	VA	22042	Am	ount	of	Each F	Receipt t	his Period	t	
FEC ID number of contributing federal political committee.	C							25	.00	
Name of Employer (for Individual) Northrop Grumman Corporation		upation (for Individual) Logistics Engineering	7 -	Me	mo	Item				
Receipt For:	Aggregate	Year-to-Date ▼								
Primary General Other (specify) ▼		550.00								
Full Name of Individual (Last, First, Middle Lowe, Victor, W, ,	Initial) or Full O	rganization Name	Da	e of	Re	ceipt				
Mailing Address 2980 Fairview Park Drive				11	/	17		2017	Y	
City Falls Church	State VA	Zip Code 22042					: A2017-			
FEC ID number of contributing federal political committee.	C	22042	Am	ount	of	Each F	Receipt to	his Period 25	.00	
Name of Employer (for Individual)		upation (for Individual)	- [Ме	emo	Item	,			
Northrop Grumman Corporation Receipt For:	<u> </u>	ogistics Engineering Year-to-Date ▼								
Primary General Other (specify)	Aggregate	575.00]							
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FOR LINE NUMBER: PAGE 857 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lozier, Jennifer, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511612 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 12.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Software Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 275.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lozier, Jennifer, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515921 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 12.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 287.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lu, Cuong, V, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510917 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 35.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7 7

FOR LINE NUMBER: PAGE 858 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lu, Cuong, V, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515061 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Electronics Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lu, Henry, Y,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510724 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 211.53 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Lu, Henry, Y,, Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City Zip Code State Transaction ID: A2017-2512721 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 230.76 Other (specify) 48.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: (check only one) **X** 11a 11b 11c

PAGE 859 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lucente, Jeffrey, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511388 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lucente, Jeffrey, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2516150 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lucka, Douglas, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511124 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) 65.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lucka, Douglas, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513617 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Luebbe, Charles, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508747 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 28.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 616.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Luebbe, Charles, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514483 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 28.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Dir Business Management** Receipt For: Aggregate Year-to-Date ▼ Primary General 644.00 Other (specify) 81.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the **Detailed Summary Page** Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lueck, James, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510560 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lueck, James, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2513007 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lugo, Lorraine, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509957 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Quality** Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional).....

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FEC Schedule A (Form 3X) Rev. 06/2016

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1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lugo, Lorraine, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514386 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Quality** Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Luhrs, B, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509736 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Project Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 550.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Luhrs, B, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2514147 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Project Management** Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7 7

Receipt For:

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Other (specify)

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SCHEDULE A (FEC Form 3X) ITEMIZED RECEIPTS

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for each category of the **Detailed Summary Page** Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lukenbill, Curtis, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510179 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Test** Receipt For: Aggregate Year-to-Date ▼ Primary General 990.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Lukenbill, Curtis, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513592 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Test** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1035.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Lum, Randall, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510165 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lum, Randall, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513578 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 966.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lunny, Steven, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508958 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1100.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Lunny, Steven, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512636 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) 142.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 865 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lupica, James, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512312 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lupica, James, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID : A2017-2515510 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 884.58 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lurie, Howard, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2512249 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 2000.00 Other (specify) 173.07 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

SCHEDULE A (FEC Form 3X)

FOR LINE NUMBER: PAGE 866 OF 1632

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NAME OF COMMITTEE (In Full) Employees of Northrop Grumm	an Corporat	ion PAC	
Full Name of Individual (Last, First, Middle In Lurie, Howard, J, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)	State VA Occupati	Zip Code 22042 ion (for Individual) gram Management	Date of Receipt 11 17 2017 Transaction ID: A2017-2515582 Amount of Each Receipt this Period 96.15 Memo Item
Full Name of Individual (Last, First, Middle In Lurie, Richard, P, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)	State VA	Zip Code 22042 ion (for Individual)	Date of Receipt 11 03 2017 Transaction ID: A2017-2509016 Amount of Each Receipt this Period 40.00 Memo Item
Full Name of Individual (Last, First, Middle In Lurie, Richard, P, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)	State VA	Zip Code 22042 ion (for Individual)	Date of Receipt 11 17 2017 Transaction ID: A2017-2512776 Amount of Each Receipt this Period 40.00 Memo Item
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TOTAL This Period (last page this line number	only)		

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Any information copied from such Reports and or for commercial purposes, other than using the such as			person for the purpose of soliciting contributions be to solicit contributions from such committee.
NAME OF COMMITTEE (In Full) Employees of Northrop Grumi	man Corpo	ration PAC	
Full Name of Individual (Last, First, Middle Lyles, Donald, L, ,	Initial) or Full C	rganization Name	Date of Receipt
Mailing Address 2980 Fairview Park Drive			11 03 2017
City	State	Zip Code	Transaction ID : A2017-2509395
Falls Church	VA	22042	Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C		19.23
Name of Employer (for Individual)	Occ	upation (for Individual)	Memo Item
Northrop Grumman Corporation		Capture Management	
Receipt For:	Ivigi	Capture Management	<u> </u>
Primary General Other (specify) ▼	Aggregate	Year-to-Date ▼ 423.06	
Full Name of Individual (Last, First, Middle B. Lyles, Donald, L, ,	Initial) or Full C	rganization Name	Date of Receipt
Mailing Address 2980 Fairview Park Drive			11 17 2017
City	State	Zip Code	Transaction ID : A2017-2514325
Falls Church	VA	22042	Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C		19.23
Name of Employer (for Individual) Northrop Grumman Corporation		upation (for Individual) Capture Management	Memo Item
Receipt For: Primary General Other (specify) ▼	Aggregate	Year-to-Date ▼ 442.29]
Full Name of Individual (Last, First, Middle C. Lynch, Erin, M, ,	Initial) or Full C	rganization Name	Date of Receipt
Mailing Address ages Fair to Barrell Barrell			

Other (specify) •		442.29	
Full Name of Individual (Last, First, Middle Ir Lynch, Erin, M, , Mailing Address 2980 Fairview Park Drive	nitial) or Full Org	ganization Name	Date of Receipt 11 03 2017
City	State	Zip Code	Transaction ID : A2017-2509632
Falls Church	VA	22042	Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C		15.00
Name of Employer (for Individual)	Occup	pation (for Individual)	Memo Item
Northrop Grumman Corporation	Mgr E	Business Development	
Receipt For: Primary General Other (specify)	Aggregate Y	/ear-to-Date ▼ 330.00	
SUBTOTAL of Receipts This Page (optional)		>	53.46

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FOR LINE NUMBER: PAGE 868 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lynch, Erin, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514191 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 345.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lyon, Charles, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511199 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 846.12 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Lyon, Charles, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512489 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) 91.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 869 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lytle, Alan, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511857 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2115.30 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lytle, Alan, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516385 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2211.45 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Maas, David, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2512205 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 232.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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FOR LINE NUMBER: PAGE 872 OF (check only one) **X** 11a 11b 11c 12

1632 Use separate schedule(s) for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mace, Barbara, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512410 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1100.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Mace, Barbara, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515373 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1150.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Maceyko, Michael, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510047 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) 119.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: PAGE 874 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Macias, Hector, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511613 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 41.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 902.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Macias, Hector, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2515922 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 41.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 943.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Mackey, Michael, K., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID : A2017-2508490 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 2200.00 Other (specify) 182.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 875 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mackey, Michael, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513417 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2300.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Mackey, Todd, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2510171 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Mackey, Todd, H., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513584 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 876 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Maclean, George, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512334 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. MacLennan, William, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510480 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 858.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. MacLennan, William, A., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514803 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 897.00 Other (specify) 98.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: PAGE 878 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 879 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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PAGE 880 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Magness, Charles, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513293 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2211.45 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Maguire, Kevin, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512250 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Maguire, Kevin, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515583 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 176.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 881 OF (check only one) **X** 11a 11b 11c

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FOR LINE NUMBER: PAGE 882 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mahoney, Christopher, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514866 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Material Distribution Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Mahoney, Mathew, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2510551 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 790.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Mahoney, Mathew, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512998 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 830.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 883 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mahoney, Phillip, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509552 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Security Receipt For: Aggregate Year-to-Date ▼ Primary General 840.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Mahoney, Phillip, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512875 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Security Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 882.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Makar, Fredrick, R, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2512076 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Supply Chain Planning Anlyst Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) 129.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: PAGE 886 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Malone, Paul, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513336 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Malone, Terri, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510982 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1759.55 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Malone, Terri, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514533 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 1855.70 Other (specify) 242.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 887 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mann, Merle, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509459 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Mann, Merle, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514821 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Mann, Robert, F., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511052 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Project Management** Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: PAGE 889 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mantiply, John, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510418 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Mantiply, John, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514007 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Manuel, Gregory, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509965 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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١.	Full Name of Individual (Last, First, Middle Initial Manuel, Gregory, C, ,	or Full Organization N	ame	Date of Receipt
	Mailing Address 2980 Fairview Park Drive			11 17 2017
	City Falls Church	State Zip Code VA 22042	e	Transaction ID : A2017-2514942 Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С		40.00
	Name of Employer (for Individual) Northrop Grumman Corporation	Occupation (for In VP Supply Chain	,	Memo Item
	Receipt For: Primary General Other (specify) ▼	Aggregate Year-to-Date	920.00	
3.	Full Name of Individual (Last, First, Middle Initial Manuel, Jolene, R, , Mailing Address 2980 Fairview Park Drive	or Full Organization N	ame	Date of Receipt
	City Falls Church	State Zip Code VA 22042)	Transaction ID : A2017-2511003 Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С		20.00
	Name of Employer (for Individual) Northrop Grumman Corporation	Occupation (for Ir Mgr Programs	ndividual)	Memo Item
	Receipt For: Primary General Other (specify) ▼	Aggregate Year-to-Date	440.00	
).	Full Name of Individual (Last, First, Middle Initial Manuel, Jolene, $R,\ ,$	or Full Organization N	ame	Date of Receipt
	Mailing Address 2980 Fairview Park Drive			11 17 2017
_	City Falls Church	State Zip Code VA 22042		Transaction ID : A2017-2514617 Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С		20.00
	Name of Employer (for Individual) Northrop Grumman Corporation	Occupation (for Ir Mgr Programs	,	Memo Item
	Receipt For: Primary General Other (specify)	Aggregate Year-to-Date	460.00	
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PAGE 891 OF 1632 12 13 14 15 16

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FOR LINE NUMBER: PAGE 892 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16

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FOR LINE NUMBER: PAGE 893 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 894 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Markel, Philip, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514318 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Mechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Markow, Abel, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509557 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Electronics** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Markow, Abel, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512880 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Electronics** Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 50.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 895 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 896 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

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Any information copied from such Reports and Statements may not be sold or used by or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Marshall, Aaron, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509178 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corporate Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Marshall, Aaron, T, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513301 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corporate Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Marshall, James, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510885 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Project Management** Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Marshall, Kellee, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510005 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Marshall, Kellee, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512952 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 884.58 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Martin, Aaron, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2512022 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) 115.38 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Martin, Aaron, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515272 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Martin, Gerard, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508671 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Information Sys Tech Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1100.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Martin, Gerard, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513036 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Information Sys Tech Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) 138.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Martinez, Noe, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512877 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Martinez, Oscar, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511630 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Martinez, Oscar, R, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515939 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 903 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 904 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Martini, William, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515763 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Martis, Daryl, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509603 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1100.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Martis, Daryl, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2514162 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) 125.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: PAGE 907 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Massey, Brian, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512423 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Process Improvement Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Massey, Brian, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512424 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Dir Process Improvement** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Mastin, Stephen, A., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510037 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: PAGE 908 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mastin, Stephen, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512984 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Masukawa, Glenn, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508627 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Masukawa, Glenn, T, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514850 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional).....

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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Maszarose, Robert, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510172 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Maszarose, Robert, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513585 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Mathur, Sanjay, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509141 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mathur, Sanjay, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514433 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Matthews, Richard, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2510098 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Production Operations** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2200.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Matthews, Richard, G., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513511 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Production Operations** Receipt For: Aggregate Year-to-Date ▼ Primary General 2300.00 Other (specify) 220.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Maxson, Lisa, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511494 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Maxson, Lisa, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515681 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Maxwell, David, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2511287 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Cyber Info Assurance Anlyst Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 40.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Maxwell, David, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514702 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Cyber Info Assurance Anlyst Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Mazzocchi, Lisa, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508742 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Mazzocchi, Lisa, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID : A2017-2514478 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 913 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McCabe, Douglas, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508668 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** McCabe, Douglas, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513033 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** McCaffrey, Mary Rose, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2508843 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Corporate & ES Security Receipt For: Aggregate Year-to-Date ▼ Primary General 2115.30 Other (specify) 116.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 914 OF (check only one) **X** 11a 11b 11c

1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McCaffrey, Mary Rose, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513896 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Corporate & ES Security Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2211.45 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** McCain, Kenneth, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2509917 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. McCain, Kenneth, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514687 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 136.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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PAGE 915 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McCaleb, Robert, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511189 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** McCaleb, Robert, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512477 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 884.58 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. McCallam, Dennis, H, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509317 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 1100.00 Other (specify) 126.92 SUBTOTAL of Receipts This Page (optional).....

Northrop Grumman Corporation

General

SUBTOTAL of Receipts This Page (optional).....

TOTAL This Period (last page this line number only).....

Receipt For:

Primary

FOR LINE NUMBER: PAGE 916 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McCallam, Dennis, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513272 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual)

NG Fellow

Aggregate Year-to-Date ▼

Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. McCammon, Gregory, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID: A2017-2509871 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name

1150.00

c. McCammon, Gregory, K., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512921 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 130.00

FOR LINE NUMBER: PAGE 917 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McCarthy, Brian, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509070 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Mechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** McCarthy, Brian, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512784 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Mechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. McClain, Daniel, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2508611 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 105.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Communications** Receipt For: Aggregate Year-to-Date ▼ Primary General 2310.00 Other (specify) 145.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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	NAME OF COMMITTEE (In Full) Employees of Northrop Grumma						
Α.		Date of Receipt					
	Mailing Address 2980 Fairview Park Drive			11 17 2017			
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2017-2515160 Amount of Each Receipt this Period			
	FEC ID number of contributing federal political committee.	105.00					
	Name of Employer (for Individual) Northrop Grumman Corporation	1	ation (for Individual) mmunications	Memo Item			
	Receipt For: Primary General Other (specify) ▼	Aggregate Ye	ear-to-Date ▼ 2415.00				
В.	Full Name of Individual (Last, First, Middle Init McClellan, Keri, , , Mailing Address 2980 Fairview Park Drive	ial) or Full Orga	anization Name	Date of Receipt			
	City	State	Zip Code	11 03 2017 Transaction ID : A2017-2509662			
	Falls Church						
	FEC ID number of contributing federal political committee.	С		10.00			
	Name of Employer (for Individual) Northrop Grumman Corporation		ation (for Individual) roject Management	Memo Item			
	Receipt For: Primary General Other (specify) ▼	Aggregate Ye	ear-to-Date ▼ 220.00				
	Full Name of Individual (Last, First, Middle Init McClellan, Keri, , ,	ial) or Full Orga	anization Name	Date of Receipt			
	Mailing Address 2980 Fairview Park Drive			11 17 2017			
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2017-2514268 Amount of Each Receipt this Period			
	FEC ID number of contributing federal political committee.	C		10.00			
	Name of Employer (for Individual) Northrop Grumman Corporation	1 .	ation (for Individual) oject Management	Memo Item			
	Receipt For: Primary General Other (specify)	Aggregate Ye	ear-to-Date ▼ 230.00				
	SUBTOTAL of Receipts This Page (optional)		<u> </u>	125.00			

Other (specify)

SCHEDULE A (FEC Form 3X)

PAGE 919 OF 1632 FOR LINE NUMBER: Use separate schedule(s)

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McCloud, Thomas, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508477 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Software Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** McCloud, Thomas, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2513404 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 884.58 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. McCord, Joseph, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511647 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General

96.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McCord, Joseph, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515956 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 442.29 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. McCormick, Cheryl, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511041 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. McCormick, Cheryl, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID : A2017-2513150 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McCreesh, John, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509798 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. McCreesh, John, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2513139 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Mccrory, Andre, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511735 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 50.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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FOR LINE NUMBER: PAGE 923 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McCullough, Thomas, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509834 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** McCullough, Thomas, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513384 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. McCune, Robin, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511181 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corporate Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) 45.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 924 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McCune, Robin, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512469 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corporate Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. McDaniels, Joseph, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508674 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 847.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. McDaniels, Joseph, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513038 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 885.50 Other (specify) 102.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 925 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McDonald, Steven, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512033 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Project Management** Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. McDonald, Steven, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2515282 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Project Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. McElroy, Sandy, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510533 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Bus Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General 1100.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 926 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McElroy, Sandy, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515121 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Bus Mamt Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. McEwen, Elizabeth, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509311 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Compensation Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. McEwen, Elizabeth, T, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513266 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Compensation Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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7

FOR LINE NUMBER: PAGE 928 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 929 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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PAGE 930 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McHugh, Donald, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513055 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and Controller Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2300.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Mchugh, James, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511807 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Mchugh, James, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516335 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 140.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 931 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McKeever, Hubert, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510634 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. McKeever, Hubert, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513835 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** McKendree, Krista, K, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510706 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 30.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 932 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

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FOR LINE NUMBER: PAGE 933 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McKinney, Lloyd, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510902 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Procurement Receipt For: Aggregate Year-to-Date ▼ Primary General 760.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. McKinney, Lloyd, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515046 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Procurement Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 799.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. McLaughlin, Sean, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID : A2017-2512120 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Sciences Spt Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) 103.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 934 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McLaughlin, Sean, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515398 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Sciences Spt Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. McLean, Alder, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509015 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Manufacturing Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** McLean, Thomas, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511938 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 85.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

Primary

Other (specify)

General

SCHEDULE A (FEC Form 3X) ITEMIZED RECEIPTS

FOR LINE NUMBER: PAGE 935 OF 1632 Use s for ea

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Detail Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McLean, Thomas, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516237 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. McLemore, Thomas, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 11 2017 City State Zip Code Transaction ID: A2017-2508778 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 125.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Legislative Affairs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2750.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** McLemore, Thomas, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512533 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 125.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Legislative Affairs Receipt For: Aggregate Year-to-Date ▼

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1632

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McMurray, Justin, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510490 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** McMurray, Justin, R, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514933 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 884.58 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** McNiece, Michael, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509491 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 96.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McNiece, Michael, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514228 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. McNiff, Mark, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508640 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Numerical Control Pgmr** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. McNiff, Mark, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514864 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Numerical Control Pgmr** Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 40.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mead, Anne, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512561 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Real Estate Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 442.29 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Meade, Carl, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509480 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Meade, Carl, J, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512847 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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FOR LINE NUMBER: PAGE 948 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mehltretter, Marie, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511606 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Budget Analyst** Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Mehltretter, Marie, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515915 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Budget Analyst** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Mehltretter, Robert, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2511563 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 949 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mehltretter, Robert, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515873 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Melby, Inger, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510122 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 924.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Melby, Inger, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513536 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 966.00 Other (specify) 124.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 950 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Melcher, Mary, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509905 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Melcher, Mary, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514675 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Melendez, Roland, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509970 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Prod Planning Sched Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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PAGE 951 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Melendez, Roland, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514947 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Prod Planning Sched Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Meloro, Marianne, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508504 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Structural Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Meloro, Marianne, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513431 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Structural Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 50.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 952 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Melville, John, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512425 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Melville, John, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512426 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Mendez, Michael, K, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510093 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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1632 Use separate schedule(s) for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mendoza, John, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510848 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 9.62 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Mechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General 211.64 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Mendoza, John, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2514353 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 9.62 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Mechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 221.26 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Menke, Mark, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511505 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 924.00 Other (specify) 61.24 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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FOR LINE NUMBER: PAGE 956 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mercier, Jeffrey, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509059 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Mercier, Jeffrey, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2513098 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Mersch, Mary, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2510721 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 40.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mersch, Mary, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512718 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Govt Marketing Sales Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Messina, David, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508716 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Industrial** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Messina, David, G., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514999 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Industrial Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 40.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

ITEMIZED RECEIPTS

SCHEDULE A (FEC Form 3X) FOR LINE NUMBER: PAGE 958 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Metts, Willie, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508854 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Strategic Planning Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 692.28 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Metts, Willie, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513907 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 730.74 Other (specify) C.

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Full Name of Individual (Last, First, Middle Ini Metzger, Alan, S, , Mailing Address 2980 Fairview Park Drive	tial) or Full Org	anization Name	Date of Receipt 11 03 2017
City Falls Church	State VA	Zip Code 22042	Transaction ID : A2017-2509420 Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C		100.00
Name of Employer (for Individual) Northrop Grumman Corporation		ation (for Individual) ogram Management	Memo Item
Receipt For: Primary General Other (specify)	Aggregate Ye	ear-to-Date ▼ 2200.00	
SUBTOTAL of Receipts This Page (optional)	176.92		

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FOR LINE NUMBER: PAGE 959 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Metzger, Alan, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514402 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2300.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Metzler, Adam, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510604 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 423.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Metzler, Adam, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513805 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 442.75 Other (specify) 138.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 960 OF 1632 Use separate sched for each category of Detailed Summary F

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$ \rangle$	Employees of Northrop Grumma	n Corpora	tion PAC	
Α.	Full Name of Individual (Last, First, Middle Initial Metzler, Karen, J, ,	al) or Full Orga	anization Name	Date of Receipt
	Mailing Address 2980 Fairview Park Drive			M M / D D / Y Y Y Y
	3			11 03 2017
	City	State	Zip Code	Transaction ID : A2017-2510314
	Falls Church	VA	22042	Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С		38.46
	Name of Employer (for Individual)	Occupa	ation (for Individual)	Memo Item
	Northrop Grumman Corporation	Dir Pro	,	
	Receipt For:	Aggregate Ye		-
	Primary General	Aggregate re	ai-io-date v	
	Other (specify) ▼	1 7	846.12	
	Full Name of Individual (Last, First, Middle Initia	al) or Full Orga	anization Name	
В.	Metzler, Karen, J, ,			Date of Receipt
	Mailing Address 2980 Fairview Park Drive			M = M / D = D / Y = Y = Y
				11 17 2017
	City	State	Zip Code	Transaction ID : A2017-2513496
	Falls Church	VA	22042	Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С		38.46
	Name of Employer (for Individual) Northrop Grumman Corporation		ation (for Individual)	Memo Item
	Receipt For:		ograms 	-
	Primary General	Aggregate Ye	ar-to-Date ▼	
	Other (specify) ▼		884.58	
C.	Full Name of Individual (Last, First, Middle Initial Michalsen, Kimberly, M, ,	al) or Full Orga	anization Name	Date of Receipt
	Mailing Address 2980 Fairview Park Drive			M M / D D / Y Y Y Y
	2500 Fairview Fair Brive			11 03 2017
	City	State	Zip Code	Transaction ID : A2017-2512292
	Falls Church	VA	22042	Amount of Each Receipt this Period
	FEC ID number of contributing			
	federal political committee.	C		40.00
	Name of Employer (for Individual)	Occupa	ation (for Individual)	Memo Item
	Northrop Grumman Corporation	Mgr Pro		
	Receipt For:	Aggregate Ye		1
	Primary General	.5554.0 10		
	Other (specify)		880.00	
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Michalsen, Kimberly, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515789 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Mick, George, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509525 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Software Development Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Mick, George, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City Zip Code State Transaction ID: A2017-2514263 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Software Development Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 962 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mickey, Kevin, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510161 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 55.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and General Manager Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 825.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Mickey, Kevin, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513574 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 55.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Mihelich, Robert, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510148 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 660.00 Other (specify) 140.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 963 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mihelich, Robert, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513561 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 690.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Miklich, Andrew, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511592 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Physicist** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Miklich, Andrew, H., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515901 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Physicist** Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 964 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Miles, Herbert, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508912 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Structural Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 269.50 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Miles, Herbert, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2515171 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Structural Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 308.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Miller, Christopher, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2512399 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 97.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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\rangle	NAME OF COMMITTEE (In Full) Employees of Northrop Grumman Corporation PAC									
Α.	Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Miller, Christopher, D, , Date of Receipt									
	Mailing Address 2980 Fairview Park Drive	Ta		11 17 2017 2017						
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2017-2515362 Amount of Each Receipt this Period						
	FEC ID number of contributing federal political committee.	С		20.00						
	Name of Employer (for Individual)	1	ation (for Individual)	Memo Item						
	Northrop Grumman Corporation Receipt For:		ommunications							
	Primary General Other (specify) ▼	Aggregate Ye	460.00							
В.	Full Name of Individual (Last, First, Middle Initia Miller, Dawn, L, ,	II Name of Individual (Last, First, Middle Initial) or Full Organization Name								
	Mailing Address 2980 Fairview Park Drive	11 03 2017								
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2017-2511482						
	FEC ID number of contributing federal political committee.	C	22042	Amount of Each Receipt this Period 61.74						
	Name of Employer (for Individual) Northrop Grumman Corporation		ation (for Individual)	Memo Item						
	Receipt For: Primary General Other (specify) ▼	Aggregate Ye	ar-to-Date ▼ 1358.28							
С.	Full Name of Individual (Last, First, Middle Initia Miller, Dawn, L, ,	l) or Full Orga	anization Name	Date of Receipt						
.	Mailing Address 2980 Fairview Park Drive			11 17 Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y						
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2017-2515669 Amount of Each Receipt this Period						
	FEC ID number of contributing federal political committee.	С		61.74						
	Name of Employer (for Individual) Northrop Grumman Corporation	Occupa Mgr Pro	ation (for Individual) ograms	Memo Item						
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FOR LINE NUMBER: PAGE 966 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Miller, Diane, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509856 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Cyber Intelligence Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Miller, Diane, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514639 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Cyber Intelligence Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Miller, Edward, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2512296 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 967 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Miller, Kimberly, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510407 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **Employee Relations Advisor** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1100.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Miller, Robert, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511986 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Miller, Robert, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2516284 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 969 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Miller, Thomas, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509993 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Software Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Miller, Thomas, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512939 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Milligan, Michael, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511650 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Mechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General 423.50 Other (specify) 99.25 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Minor, Franklin, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512075 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Minor, Franklin, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515324 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 442.29 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Mistry, Bhavin, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2510618 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.25 federal political committee. Memo Item Occupation (for Individual) Name of Employer (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 423.50 Other (specify) 57.71 SUBTOTAL of Receipts This Page (optional).....

FOR LINE NUMBER: PAGE 972 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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1632

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PAGE 975 OF 1632 Use separate schedule(s) for each category of the 11c 12 Detailed Summary Page 13 14 15 16

Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mitchell, Stephen, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512728 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Mize, Scott, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509904 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Mize, Scott, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2514674 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7 7

FOR LINE NUMBER: PAGE 976 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

1632

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mo Davis, Dale, B, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511685 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Mo Davis, Dale, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515993 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 575.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Moe, Steven, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511232 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 977 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Moe, Steven, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514583 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Moen, Krystle, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511814 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Moen, Krystle, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516342 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 40.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

SCHEDULE A (FEC Form 3X)

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FOR LINE NUMBER: PAGE 979 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Monnin, Serrina, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513229 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 345.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Montano, Robert, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509425 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 512.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Montano, Robert, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514407 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 532.50 Other (specify) 55.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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FOR LINE NUMBER: PAGE 982 OF (check only one) **X** 11a 11b 11c

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FOR LINE NUMBER: PAGE 983 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 984 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 986 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Morgan, Harold, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513317 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Moriconi, Andrew, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511362 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 42.86 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 942.92 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Moriconi, Andrew, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516124 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 42.86 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 985.78 Other (specify) 105.72 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 987 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Morrison, Jeff, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513890 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Configuration Analyst Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 690.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Morrison, William, P, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510614 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Subcontracts Administrator Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Morrison, William, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513815 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Subcontracts Administrator Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 110.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 989 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Morrissette, Leo, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508945 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1056.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Morrissette, Leo, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512623 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1106.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Morse, Lawrence, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509372 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 1100.00 Other (specify) 150.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 990 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Morse, Lawrence, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514893 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Mosier, Robert, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2511682 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1100.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Mosier, Robert, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515990 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) 150.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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FOR LINE NUMBER: PAGE 991 OF 1632 Use separate schedule(s)

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FOR LINE NUMBER: PAGE 992 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Moxley, Larry, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513631 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontracts Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Moxley, Theresa, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510795 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 846.12 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Moxley, Theresa, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513636 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) 96.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 993 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Moynihan, Timothy, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509036 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Moynihan, Timothy, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2513075 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 575.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Mueller, Frederick, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2512354 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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FOR LINE NUMBER: PAGE 996 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mulderink, Harold, V,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514752 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 73.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1423.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Mule, Anthony, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID: A2017-2509821 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Assurance Policy Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Mule, Anthony, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514036 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Assurance Policy Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 113.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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7

SCHEDULE A (FEC Form 3X)

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FOR LINE NUMBER: PAGE 998 OF 1632 Use separate schedule(s)

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mullahy, Kevin, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512771 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Mullen, Christopher, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509134 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Mullen, Christopher, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514426 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 30.00 SUBTOTAL of Receipts This Page (optional).....

FOR LINE NUMBER: PAGE 999 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mullen, Daniel, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510745 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Mullen, Daniel, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514505 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 884.58 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Muller, Amanda, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510731 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 858.00 Other (specify) 115.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: **PAGE 1000 OF** Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 1001 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Munger, Lesley, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510688 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Mission Assurance** Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Munger, Lesley, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512684 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Mission Assurance** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 442.29 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Murnane, John, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509354 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Production Operations** Receipt For: Aggregate Year-to-Date ▼ Primary General 2115.30 Other (specify) 134.61 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1002 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Murnane, John, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514875 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP Production Operations** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2211.45 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Murphy, Erin, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510448 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 405.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Murphy, Erin, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514291 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 450.00 Other (specify) 186.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: **PAGE 1003 OF** Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Murphy, Steven, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511948 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Murphy, Steven, P, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2516247 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Murphy, Yolanda, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509932 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Communications** Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

SCHEDULE A (FEC Form 3X)

FOR LINE NUMBER: PAGE 1004 OF 1632

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NAME OF COMMITTEE (In Full)									
Employees of Northrop Grumman	n Corpo	ration PAC							
Full Name of Individual (Last, First, Middle Initia Murphy, Yolanda, M, ,	l) or Full O	rganization Name		Date of	Re	ceipt			
Mailing Address 2980 Fairview Park Drive				M = M	/	17) / Y	2017	Y
City	State	Zip Code		Trans	acti	on ID :	A2017-2	515207	
Falls Church	VA	22042	/	Amount	of	Each F	Receipt th	nis Period	
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Name of Employer (for Individual) Northrop Grumman Corporation		upation (for Individual) Communications		Me	emo	Item			
Receipt For:	Aggregate	Year-to-Date ▼							
Primary General Other (specify) ▼	· · ·	920.00	1						
Other (specify) •		020.00	4						
Full Name of Individual (Last, First, Middle Initia	l) or Full O	rganization Name		Date of	Re	ceipt			
Mailing Address 2980 Fairview Park Drive				м _ м 11	′	03		2017	Y
City	State	Zip Code					A2017-2		
Falls Church	VA	22042	-	Amount	of	Each F	Receipt th	nis Period	
FEC ID number of contributing federal political committee.	C			<u>_:</u> _	-			40.	00
Name of Employer (for Individual) Northrop Grumman Corporation		upation (for Individual) Engineering		Me	emo	Item			
Receipt For:	Aggregate	Year-to-Date ▼							
Primary General Other (specify) ▼		880.00							
Full Name of Individual (Last, First, Middle Initials). Murray, Nicholas, P, ,	l) or Full O	rganization Name		Date of	Re	ceipt			
Mailing Address 2980 Fairview Park Drive				M M M	/	17		2017	Y
City	State	Zip Code		Trans	acti	on ID :	A2017-2	2514511	
Falls Church	VA	22042	-	Amount	of	Each F	Receipt th	nis Period	
FEC ID number of contributing federal political committee.	С			<u> </u>	_	,		40.	00
Name of Employer (for Individual) Northrop Grumman Corporation		ipation (for Individual) Engineering		Me	emo	Item			
Receipt For:	Aggregate	Year-to-Date ▼							
Primary General Other (specify)		920.00]						
SUBTOTAL of Receipts This Page (optional)								120.	00
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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Muskevitsch, Cheryl, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508680 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Muskevitsch, Cheryl, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513045 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Musolf, Mark, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2512243 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Architect** Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 30.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1006 OF 1632

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fo D Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Musolf, Mark, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515576 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Architect** Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Musson, Charles, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512421 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1100.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Musson, Charles, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515384 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) 110.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1007 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Myers, James, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510916 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 77.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1694.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Myers, James, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515060 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 77.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1771.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Myers, Jennifer, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2510585 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Supply Chain Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 355.00 Other (specify) 194.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: **PAGE 1008 OF** 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Myers, Jennifer, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513786 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Supply Chain Planning Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 395.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Myers, Joseph, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511339 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Software** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Myers, Joseph, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515869 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Software** Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: **PAGE 1009 OF** Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Myers, Mark, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511976 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 62.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Myers, Mark, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516274 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 62.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1402.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Myrtle, John, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2508947 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 134.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1010 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Myrtle, John, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512625 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Nance, Murray, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512032 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Nance, Murray, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515281 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7 7

FOR LINE NUMBER: PAGE 1011 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 1012 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

1632

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Nardo, Jean, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513429 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Natarajan, Prabu, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511130 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Business Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1650.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Natarajan, Prabu, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513859 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1725.00 Other (specify) 160.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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FOR LINE NUMBER: PAGE 1013 OF 1632 Use separate schedule(s)

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FOR LINE NUMBER: PAGE 1014 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Navarre, Cara, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514157 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Project Management** Receipt For: Aggregate Year-to-Date ▼ Primary General 807.66 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Navarro, David, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511259 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Navarro, David, G, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514895 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

SCHEDULE A (FEC Form 3X) FOR LINE NUMBER: PAGE 1015 OF Use separate schedule(s) (check only one) ITEMIZED RECEIPTS for each category of the **X** 11a 11b 12 11c Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Navarro, Ernest, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 State Zip Code Transaction ID: A2017-2509468 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Name of Employer (for Individual) Memo Item Occupation (for Individual) Northrop Grumman Corporation Cyber Systems Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Navarro, Ernest, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2514905 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Cyber Systems Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Navarro, Sergio, A., Date of Receipt

Mailing Address 2980 Fairview Park Drive	11 03 2017		
City	State	Zip Code	Transaction ID : A2017-2510068
Falls Church	VA	22042	Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C		25.00
Name of Employer (for Individual)	Occup	ation (for Individual)	Memo Item
Northrop Grumman Corporation		rograms	_
Receipt For: Primary General Other (specify)	Aggregate Ye	ear-to-Date ▼ 550.00	
SUBTOTAL of Receipts This Page (optional)	>	65.00
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PAGE 1016 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Navarro, Sergio, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515174 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Naylor, Edward, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508735 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 21.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 462.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Naylor, Edward, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514471 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 21.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 483.00 Other (specify) 67.00 SUBTOTAL of Receipts This Page (optional).....

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TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1017 OF 1632 Use separate schedule(s

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Nazarek, David, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509258 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Nazarek, David, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513694 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Nealon, Brian, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2510767 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 34.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 748.00 Other (specify) 54.00 SUBTOTAL of Receipts This Page (optional).....

SCHEDULE A (FEC Form 3X)

FOR LINE NUMBER: PAGE 1018 OF 1632

TEMIZED RECEIPTS	for each category of the Detailed Summary Page	(cneck only one)
	Statements may not be sold or used by any pathe name and address of any political committee	
NAME OF COMMITTEE (In Full) Employees of Northrop Grumi	man Corporation PAC	
Full Name of Individual (Last, First, Middle Nealon, Brian, P, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify) Other (specify)	State VA Zip Code 22042 C Occupation (for Individual) Mgr Engineering Aggregate Year-to-Date 782.00	Date of Receipt 11 17 2017 Transaction ID : A2017-2512817 Amount of Each Receipt this Period 34.00 Memo Item
Full Name of Individual (Last, First, Middle Neary, Patrick, F, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify) ▼	Initial) or Full Organization Name State Zip Code 22042 C Occupation (for Individual) VP Engineering Aggregate Year-to-Date ▼	Date of Receipt 11 03 2017 Transaction ID : A2017-2511257 Amount of Each Receipt this Period 50.00 Memo Item
Full Name of Individual (Last, First, Middle Neary, Patrick, F, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)	Initial) or Full Organization Name State	Date of Receipt 11
SUBTOTAL of Receipts This Page (optional).		134.00
TOTAL This Period (last page this line number	er only)	

FOR LINE NUMBER: PAGE 1019 OF 1632 Use separate schedule(s)

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Nee, Nathan, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509947 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontract Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Nee, Nathan, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514375 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontract Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Neebe, Mark, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2512328 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

SCHEDULE A (FEC Form 3X)

FOR LINE NUMBER: PAGE 1020 OF 1632

TEMIZED RECEIPTS		Use separate schedule(s) for each category of the Detailed Summary Page	(check only	one) 11b	11c	12				
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Any information copied from such Reports and Sta or for commercial purposes, other than using the r										
NAME OF COMMITTEE (In Full) Employees of Northrop Grumma	n Corpo	oration PAC								
Full Name of Individual (Last, First, Middle Initial Neebe, Mark, T, , Mailing Address 2980 Fairview Park Drive	al) or Full C	Organization Name		Date of Receipt						
			11 17 2017							
City Falls Church	State VA	Zip Code 22042	Transaction ID : A2017-2515526							
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	22042	Amount o	of Each Re	ceipt th	is Period				
FEC ID number of contributing federal political committee.	C		<u> </u>	7	-	40.	00			
Name of Employer (for Individual)		cupation (for Individual)	Men	no Item						
Northrop Grumman Corporation	Dir	Programs								
Receipt For: Primary General	Aggregate	Year-to-Date ▼								
Other (specify) ▼		920.00								
Full Name of Individual (Last, First, Middle Initia	al) or Full O	Organization Name								
Nehring, Daniel, T, ,			Date of F	Receipt						
Mailing Address 2980 Fairview Park Drive		11 03 2017								
City	Zip Code		ction ID : A	2017-24						
Falls Church		of Each Re								
FEC ID number of contributing federal political committee.		20.00								
Name of Employer (for Individual) Northrop Grumman Corporation		cupation (for Individual) r Test Engineering	Memo Item							
Receipt For:	Aggregate	Year-to-Date ▼								
Primary General Other (specify) ▼		440.00								
Full Name of Individual (Last, First, Middle Initial). Nehring, Daniel, T, ,	al) or Full C	Organization Name	Date of F	Receipt						
Mailing Address 2980 Fairview Park Drive			11	/ D D D	/ Y	2017	Y			
City Falls Church	State VA	Zip Code 22042		ction ID : A						
		22042	Amount o	of Each Re	ceipt th	is Period				
FEC ID number of contributing federal political committee.		L	,		20.	00				
Name of Employer (for Individual)	cupation (for Individual)	Mer	Memo Item							
Northrop Grumman Corporation	Test Engineering									
Receipt For: Primary General	Aggregate	Year-to-Date ▼								
Other (specify)	460.00									
SUBTOTAL of Receipts This Page (optional)		·····		,	,	80.0	00			
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FOR LINE NUMBER: PAGE 1021 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Neiman, Michele, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509334 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 48.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Staffing Receipt For: Aggregate Year-to-Date ▼ Primary General 1026.12 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Neiman, Michele, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513356 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 48.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Staffing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1074.58 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Nelson, James, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509903 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 990.00 Other (specify) 141.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: **PAGE 1022 OF** Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Nelson, James, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509447 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Electronics** Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Nelson, James, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514792 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Electronics** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Nelson, James, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514673 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1035.00 Other (specify) 125.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 1023 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Nelson, Michael, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509087 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Market Planning Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 324.41 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Nelson, Michael, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512801 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Market Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 362.88 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Nelson, Rhonda, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2508620 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 2117.06 Other (specify) 173.17 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: **PAGE 1024 OF** (check only one) **X** 11a 11b 11c 12

1632 Use separate schedule(s) for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Nelson, Rhonda, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514843 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 2213.29 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Nelson, Robert, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509710 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 846.12 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Nelson, Robert, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514121 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) 173.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1025 OF (check only one) **X** 11a 11b 11c

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FOR LINE NUMBER: **PAGE 1026 OF** Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

1632

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Neves, Carol, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515428 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 70.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1590.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Newell, Lisa, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508786 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1100.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Newell, Lisa, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512542 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) 170.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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FOR LINE NUMBER:						PAGE 1027 OF			1	1632		
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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ng, Kon, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516374 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 35.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **Numerical Control Pgmr** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 805.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Nguyen, Megan, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511699 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 420.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Nguyen, Megan, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516006 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 75.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7 7

SCHEDULE A (FEC Form 3X)

FOR LINE NUMBER: PAGE 1029 OF 1632

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Any information copied from such Reports and S or for commercial purposes, other than using the	Statements may not be sold or used by any per parame and address of any political committee	erson for the purpose of soliciting contributions to solicit contributions from such committee.
NAME OF COMMITTEE (In Full) Employees of Northrop Grumm	an Corporation PAC	
Full Name of Individual (Last, First, Middle In Ni, Sean, S, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)	State Zip Code 22042 C Occupation (for Individual) Mgr Engineering Aggregate Year-to-Date ▼	Date of Receipt 11 03 2017 Transaction ID: A2017-2510695 Amount of Each Receipt this Period 40.00 Memo Item
Full Name of Individual (Last, First, Middle In Ni, Sean, S, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)	State Zip Code VA Z2042 C Occupation (for Individual) Mgr Engineering Aggregate Year-to-Date 920.00	Date of Receipt 11 17 2017 Transaction ID : A2017-2512692 Amount of Each Receipt this Period 40.00 Memo Item
Full Name of Individual (Last, First, Middle In Nicholas, Charles, D, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)	State Zip Code VA Z2042 C Occupation (for Individual) Supply Chain Planning Anlyst Aggregate Year-to-Date 440.00	Date of Receipt 11 03 2017 Transaction ID: A2017-2511884 Amount of Each Receipt this Period 20.00 Memo Item
SUBTOTAL of Receipts This Page (optional)		100.00
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FOR LINE NUMBER: PAGE 1030 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Nicholas, Charles, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515711 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Supply Chain Planning Anlyst Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Nichols, Steven, H, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510807 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 550.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Nichols, Steven, H., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513648 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Nichols, William, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510004 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Nichols, William, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 11 17 2017 City State Zip Code Transaction ID : A2017-2512951 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Niermeyer, Christopher, B., Date of Receipt Mailing Address 2980 Fairview Park Drive 11 03 2017 City Zip Code State Transaction ID : A2017-2511572 ۱/Δ 22042 Falls Church

1 4113 61141611	*** ZZO+Z	Amount of Each Receipt this Period				
FEC ID number of contributing federal political committee.	C	50.00				
Name of Employer (for Individual) Northrop Grumman Corporation	Occupation (for Individual) Dir Systems Engineering	Memo Item				
Receipt For: Primary General Other (specify)	Aggregate Year-to-Date ▼ 1100.00					
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Nissen, Lawrence, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510641 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Security Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Nissen, Lawrence, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513843 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Security Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Nolan, Joan, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2511997 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1100.00 Other (specify) 130.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Nolan, Joan, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516295 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Nold, William, F, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2510388 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Auditing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1100.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Nold, William, F, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513978 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Auditing Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) 150.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1035 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Noonan, David, V,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508782 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **Product Trainer** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Noonan, David, V,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512538 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Product Trainer** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Norcross, Joshua, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509922 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 1.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Financial Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 270.00 Other (specify) 21.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Norcross, Joshua, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514692 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 1.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Financial Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 271.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Norton, Scott, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508575 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Software Development Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Norton, Scott, R, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513235 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Software Development Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 21.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1037 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Nottingham, Steven, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512130 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Nottingham, Steven, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515656 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 575.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Nowicke, Roger, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2512289 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) 88.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: **PAGE 1040 OF** Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 1041 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name O'Connor, Charles, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509824 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Electronics Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. O'Connor, Charles, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 11 City State Zip Code Transaction ID: A2017-2514039 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. O'Connor, Jennifer, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2508905 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Asoc Gen Cnsl and Sctr Cnsl Receipt For: Aggregate Year-to-Date ▼ Primary General 961.50 Other (specify) 136.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name O'Connor, Jennifer, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515162 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Asoc Gen Cnsl and Sctr Cnsl Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1057.65 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** O'Connor, Patrick, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID : A2017-2511070 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Subcontract Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 307.76 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. O'Connor, Patrick, G, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513179 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 46.07 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Subcontract Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 353.83 Other (specify) 180.69 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1043 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

1632

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name O'Connor, Sean, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511193 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. O'Connor, Sean, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512483 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 884.58 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. O'Donnell, Michele, T, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2508625 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Cyber Info Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) 101.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: **PAGE 1044 OF** 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name O'Donnell, Michele, T, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514848 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Cyber Info Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. O'Gara, Stanley, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509812 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontract Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. O'Gara, Stanley, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513886 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontract Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 65.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: **PAGE 1045 OF** 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name O'Geary, Tracie, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511126 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** O'Geary, Tracie, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513619 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. O'Gorman, Matthew, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2508943 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Supply Chain Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 858.00 Other (specify) 79.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name O'Gorman, Matthew, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512621 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Supply Chain Planning Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 897.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. O'Hara, Michael, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID: A2017-2508987 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 660.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. O'Hara, Michael, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512748 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 690.00 Other (specify) 99.00 SUBTOTAL of Receipts This Page (optional).....

FOR LINE NUMBER: **PAGE 1047 OF** Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name O'Keefe, Michael, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508701 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mfg Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 480.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. O'Keefe, Michael, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514984 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mfg Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. O'Reilly, Elaine, F., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2508963 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 330.00 Other (specify) 55.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: **PAGE 1048 OF** Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name O'Reilly, Elaine, F, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512641 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 345.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Oakley, Vincent, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512233 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1100.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Oakley, Vincent, T, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515566 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) 115.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: **PAGE 1049 OF** Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Obering, Henry, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512005 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 300.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Obering, Henry, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516303 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Obert, Russell, L., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2510024 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ____

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PAGE 1050 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Obert, Russell, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512971 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Ochoa, Miguel, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511955 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Ochoa, Miguel, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516254 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional).....

Receipt For:

Primary

Other (specify)

General

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	NAME OF COMMITTEE (In Full) Employees of Northrop Grumman	Corpo	ration PAC										
Α.	Full Name of Individual (Last, First, Middle Initial) Odin, Frank, A, ,	or Full O	rganization Name	Date of Receipt									
	Mailing Address 2980 Fairview Park Drive	Otata	7in Oada	11 03 2017									
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2017-2509008 Amount of Each Receipt this Period									
	FEC ID number of contributing federal political committee.	С		10.00									
	Name of Employer (for Individual) Northrop Grumman Corporation		upation (for Individual) ineer Software	Memo Item									
	Receipt For: Primary General Other (specify) ▼	Aggregate	Year-to-Date ▼ 220.00										
В.		or Full O	rganization Name	Date of Receipt									
	Mailing Address 2980 Fairview Park Drive			11 17 2017									
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2017-2512769 Amount of Each Receipt this Period									
	FFC ID number of contributing	C	22042	10.00									
	Name of Employer (for Individual) Northrop Grumman Corporation		upation (for Individual) ineer Software	Memo Item									
	Receipt For: Primary General Other (specify) ▼	ggregate	Year-to-Date ▼ 230.00										
С .	Full Name of Individual (Last, First, Middle Initial) Ogletree, James, L, ,	or Full O	rganization Name	Date of Receipt									
	Mailing Address 2980 Fairview Park Drive			11 03 Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y									
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2017-2509381									
	EEC ID number of contributing	C	120.2	Amount of Each Receipt this Period 39.00									
	Name of Employer (for Individual) Northrop Grumman Corporation		upation (for Individual) Programs	Memo Item									

59.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

687.00

Aggregate Year-to-Date ▼

FOR LINE NUMBER: PAGE 1052 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ogletree, James, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513349 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 726.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Oguete, Joel, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509562 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Oguete, Joel, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512885 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 79.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1053 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ohara, Joseph, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511319 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 660.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Ohara, Joseph, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516084 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 690.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Ohst, David, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2511615 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr CA and PTW Receipt For: Aggregate Year-to-Date ▼ Primary General 1100.00 Other (specify) 110.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: **PAGE 1054 OF** Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ohst, David, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515924 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr CA and PTW Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Ojeda, Rafael, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2510528 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Ojeda, Rafael, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515116 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7 7

FOR LINE NUMBER: **PAGE 1055 OF** Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Okano, Howard, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510518 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Manufacturing** Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Okano, Howard, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515106 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Manufacturing** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Oki, Aaron, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509892 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: **PAGE 1056 OF** Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Oki, Aaron, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514662 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Olds, Alan, R, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511789 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 423.06 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Olds, Alan, R, Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2516317 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 442.29 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Use separate schedule(s) for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Oligmueller, Daniel, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509992 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Software Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Oligmueller, Daniel, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 11 City State Zip Code Transaction ID : A2017-2512938 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 840.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Oliver, James, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511314 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Circuit Design** Receipt For: Aggregate Year-to-Date ▼ Primary General 429.00 Other (specify) SUBTOTAL of Receipt

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Oliver, James, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515857 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Engineer Circuit Design Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 448.50 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Olsen, Ronald, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511014 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Olsen, Ronald, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2514710 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 99.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Olson, Scott, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509857 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Microelec Smcndctr Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Olson, Scott, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2514640 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Microelec Smcndctr Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. ONeill, Bryan, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509399 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 30.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 1060 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name ONeill, Bryan, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514329 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Opdahl, Mark, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511603 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1818.40 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Opdahl, Mark, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515912 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 1838.40 Other (specify) 50.00

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FOR LINE NUMBER: PAGE 1061 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Operacz, Stefani, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510281 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Operacz, Stefani, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515261 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Oppenlander, Charles, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510522 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Process Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1062 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Oppenlander, Charles, D, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515110 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Process Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Oravetz, Debra, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509246 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Accounting Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 846.12 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Oravetz, Debra, K, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513682 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Accounting Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) 96.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1063 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Orchard, Curtis, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510852 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Orchard, Curtis, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514357 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Orlowski, Christian, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511265 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: **PAGE 1064 OF** 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Orlowski, Christian, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514076 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Information Technology Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Osiniak, Donald, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510952 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1100.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Osiniak, Donald, E., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514458 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) 138.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: PAGE 1065 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Otanez, Chad, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510491 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mar Electronics Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Otanez, Chad, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514934 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Owen, Gary, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2510768 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional).....

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FOR LINE NUMBER: **PAGE 1066 OF** 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Owen, Gary, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514557 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mar Electronics Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Owens, Scott, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508645 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Technical Services** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Owens, Scott, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512650 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Technical Services** Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1067 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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Other (specify)

SCHEDULE A (FEC Form 3X)

FOR LINE NUMBER: PAGE 1068 OF 1632 Use separate schedule(s)

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Oxford, Rosemary, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516072 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 442.75 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Ozarowski, Mark, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID : A2017-2511418 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 660.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Ozarowski, Mark, J, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515604 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Planning Receipt For: Aggregate Year-to-Date ▼ Primary General

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1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pabst, Randolph, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509390 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontracts Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pabst, Randolph, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514320 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontracts Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 442.29 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pace, John, B, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2510486 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1320.00 Other (specify) 98.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pace, John, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514929 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Software Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1380.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pachunka, Douglas, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2510002 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 990.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pachunka, Douglas, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512949 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1035.00 Other (specify) 150.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Padilla, Max, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510776 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Padilla, Max, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514565 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Page, Kathleen, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2510254 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Program Control Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 50.00 SUBTOTAL of Receipts This Page (optional).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Page, Kathleen, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515234 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Program Control Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Page, Walter, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510949 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Asoc Gen Cnsl and Sctr Cnsl Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1100.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Page, Walter, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514455 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Asoc Gen Cnsl and Sctr Cnsl Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) 110.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pak, Paul, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512221 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 353.84 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pak, Paul, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515553 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 373.84 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Palacorolla, Kevin, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2511462 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Palacorolla, Kevin, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515648 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Paliwoda, Lucy, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511648 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 80.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1760.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Paliwoda, Lucy, T, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515957 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 80.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1840.00 Other (specify) 200.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1075 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Palm, Tod, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510888 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr R and D Portfolio Mgmt Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Palm, Tod, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2515032 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr R and D Portfolio Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Palmer, Jill, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID : A2017-2509192 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp Dir Asst General Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1076 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Palombo, Jeffrey, Q,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511869 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP Business Development** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2200.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Palombo, Jeffrey, Q, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2515501 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 2300.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Palusamy, Arun, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509238 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 2200.00 Other (specify) 300.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Palusamy, Arun, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513674 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Strategic Planning Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2300.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pamiljans, Janis, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2509827 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 231.12 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp VP and President AS Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 4306.80 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pamiljans, Janis, G., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514042 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 231.12 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp VP and President AS Receipt For: Aggregate Year-to-Date ▼ Primary General 4537.92 Other (specify) 562.24 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Panek, John, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512331 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Architect** Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Panek, John, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515529 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Architect** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pano, Scott, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2510347 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 40.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pano, Scott, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514750 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Papay, Michael, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510750 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Info Security & Cyber Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2100.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Papay, Michael, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514510 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Info Security & Cyber Receipt For: Aggregate Year-to-Date ▼ Primary General 2200.00 Other (specify) 220.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1081 OF (check only one) **X** 11a 11b 11c 12

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Paradise, Andrew, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516162 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Paralusz, Kathleen, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID: A2017-2508536 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corporate Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 423.06 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Paralusz, Kathleen, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513462 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corporate Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General 442.29 Other (specify) 76.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: **PAGE 1083 OF** (check only one) **X** 11a 11b 11c 12

1632 Use separate schedule(s) for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Paraskevopoulos, Nicholas, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512261 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and General Manager Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2200.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Paraskevopoulos, Nicholas, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2515748 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2300.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Parise, Angela, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509158 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Graphic Artist Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 210.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: **PAGE 1084 OF** 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Parise, Angela, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514540 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Graphic Artist** Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Park, Helen, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512036 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 812.66 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Park, Helen, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515285 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 851.12 Other (specify) 86.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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PAGE 1085 OF 1632 Use separate schedule(s)

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\rangle	NAME OF COMMITTEE (In Full) Employees of Northrop Grumman Corporation PAC												
١.	Full Name of Individual (Last, First, Middle Initial) or Ful Parker, David, D, ,	Organization Name	Date of Receipt										
	Mailing Address 2980 Fairview Park Drive			11 03 2017									
	City State Falls Church VA	Zip Code 22042	Transaction ID : A2017-2508897										
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Full Name of Individual (Last, First, Middle Initial) or Full Organization Name 3. Parker, David, D, , Date of Receipt													
	Mailing Address 2980 Fairview Park Drive		11 17 2017										
	City State Falls Church VA	Zip Code 22042		Transaction ID : A2017-2513951 Amount of Each Receipt this Period									
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<u> </u>	Full Name of Individual (Last, First, Middle Initial) or Ful Parker, John, R, ,	l Organization Name	D	ate of	Re	ece	eipt						
	Mailing Address 2980 Fairview Park Drive] [м - м 11	′		03		/ Y	2017		Y	
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	Northrop Grumman Corporation	occupation (for Individual) P and General Manager	Memo Item										
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1632

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Parker, John, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514442 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and General Manager Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2211.45 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Parkinson, Charles, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509362 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Software** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 858.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Parkinson, Charles, A., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514883 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Software** Receipt For: Aggregate Year-to-Date ▼ Primary General 897.00 Other (specify) 174.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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FOR LINE NUMBER: **PAGE 1088 OF** Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: **PAGE 1089 OF** (check only one) **X** 11a 11b 11c 12

1632 Use separate schedule(s) for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Parsons, Dawn, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509544 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Parsons, Dawn, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512866 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Parsons, Mark, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2510075 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: **PAGE 1090 OF** 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Parsons, Mark, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515181 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Systems Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Parsons, Richard, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511341 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 550.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Parsons, Richard, K., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515871 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: PAGE 1091 OF 1632 Use separate schedule(s)

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Partridge, David, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511353 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Partridge, David, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 11 City State Zip Code Transaction ID: A2017-2516115 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 884.58 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Partridge, Jan, H, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2512403 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 730.74 Other (specify) 115.38 SUBTOTAL of Receipts This Page (optional).....

FOR LINE NUMBER: PAGE 1092 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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7

FOR LINE NUMBER: **PAGE 1094 OF** Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Patel, Jaynesh, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511672 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 646.90 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Patel, Jaynesh, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515980 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 685.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Patel, Miti, V, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509361 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 96.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1096 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Patel, Miti, V,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514882 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Systems Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Patillo, Tony, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510416 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1100.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Patillo, Tony, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514005 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Patterson, Deborah, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508964 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 847.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Patterson, Deborah, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2512642 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 885.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Paukstis, Jenna, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511350 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 97.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Paukstis, Jenna, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516112 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Paul, Daniel, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508746 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Paul, Daniel, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City Zip Code State Transaction ID: A2017-2514482 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

SCHEDULE A (FEC Form 3X) ITEMIZED RECEIPTS

FOR LINE NUMBER: Use separate schedule(s) for each category of the Detailed Summary Page

FOR LINE NUMBER:						PAGE 1099 OF				632	
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\rangle	Employees of Northrop Grumman Corporation PAC										
Α.	Full Name of Individual (Last, First, Middle Init Pauly, Stephen, D, ,	ial) or Full Orga	anization Name	Date of Receipt							
	Mailing Address 2980 Fairview Park Drive	M M / D D / Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y									
	City Falls Church	Zip Code 22042	Transaction ID : A2017-2508946 Amount of Each Receipt this Period								
	FEC ID number of contributing federal political committee.		75.00								
	Name of Employer (for Individual) Northrop Grumman Corporation Receipt For:	Dir Pro		Memo Item							
	Primary General Other (specify) ▼	Aggregate Ye	ear-to-Date ▼ 1650.00								
В.	Full Name of Individual (Last, First, Middle Init Pauly, Stephen, D, , Mailing Address 2980 Fairview Park Drive	ial) or Full Orga	anization Name	Date of Receipt							
	City Falls Church	State VA	Zip Code 22042	11 17 2017 Transaction ID : A2017-2512624 Amount of Each Receipt this Period							
	FEC ID number of contributing federal political committee.	С		75.00							
	Name of Employer (for Individual) Northrop Grumman Corporation		ation (for Individual) ograms	Memo Item							
	Receipt For: Primary General Other (specify) ▼	Aggregate Ye	ear-to-Date ▼ 1725.00								
С.	Full Name of Individual (Last, First, Middle Init Pawelka, Robert, H, ,	ial) or Full Orga	anization Name	Date of Receipt							
	Mailing Address 2980 Fairview Park Drive	11 03 / Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y									
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2017-2511335 Amount of Each Receipt this Period							
	FEC ID number of contributing federal political committee.	С		20.00							
	Name of Employer (for Individual) Northrop Grumman Corporation	nrop Grumman Corporation Chief Engineer									
	Receipt For: Primary General Other (specify)										

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pawelka, Robert, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515865 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Payne, Eddy, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510181 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Payne, Eddy, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513594 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Dir Communications** Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 1101 OF 1632 Use separate schedule(s) for each category of the Detailed Summary Page

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NAME OF COMMITTEE (In Full) Employees of Northrop Grumman Corporation PAC									
Full Name of Individual (Last, First, Middle In A. Paynter, Timothy, R, , Mailing Address 2980 Fairview Park Drive	Date of Receipt 11 03 2017								
Falls Church FEC ID number of contributing federal political committee.	Transaction ID : A2017-2509205 Amount of Each Receipt this Period 38.46								
Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: □ Primary □ General □ Other (specify) ▼	rthrop Grumman Corporation VP Communications ceipt For: Primary General VP Communications Aggregate Year-to-Date ▼								
Full Name of Individual (Last, First, Middle In Paynter, Timothy, R, , Mailing Address 2980 Fairview Park Drive		Date of Receipt 11 17 2017							
City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify) ▼	State Zip Code 22042 C Occupation (for Individual) VP Communications Aggregate Year-to-Date ▼ 884.58	Transaction ID : A2017-2513328 Amount of Each Receipt this Period 38.46 Memo Item							
C. Paz, Arnaldo, J, , Mailing Address 2980 Fairview Park Drive									
City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)	State Zip Code 22042 C Occupation (for Individual) Dir Real Estate Aggregate Year-to-Date ▼ 880.00	Amount of Each Receipt this Period 40.00 Memo Item							
SUBTOTAL of Receipts This Page (optional) TOTAL This Period (last page this line number	only)	116.92							

FOR LINE NUMBER: PAGE 1102 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Paz, Arnaldo, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513173 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Real Estate Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Pearson, Curtis, H, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511385 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 846.12 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pearson, Curtis, H., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516147 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) 116.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Peck, Brian, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509292 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Peck, Brian, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2513247 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 575.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Pedicini, Anthony, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509784 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mfg Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) 75.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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1632

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1632

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FOR LINE NUMBER: PAGE 1106 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pena, Gustav, O, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513127 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Software Development Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pena, Valentina, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512273 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pena, Valentina, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2515770 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1107 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pence, Amy, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509226 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Bus Dev Operations Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 249.99 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pence, Amy, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513348 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Bus Dev Operations Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 269.22 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pence, Ronald, C., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509342 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Regulatory Compliance Receipt For: Aggregate Year-to-Date ▼ Primary General 847.00 Other (specify) 76.96 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 1108 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pence, Ronald, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513715 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Regulatory Compliance Receipt For: Aggregate Year-to-Date ▼ Primary General 885.50 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Penkert, Michael, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2509567 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Employee Relations Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 423.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Penkert, Michael, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512890 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Employee Relations Receipt For: Aggregate Year-to-Date ▼ Primary General 442.75 Other (specify) 77.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1109 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pennacchi, Louis, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511715 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 858.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pennacchi, Louis, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516022 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 897.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Perazzo, Diane, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509838 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 98.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1110 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Perazzo, Diane, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513388 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Software Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Perez, Maribel, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2509678 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontract Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1100.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Perez, Maribel, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514284 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontract Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1111 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Perez, Maryann, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508700 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Software** Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Perez, Maryann, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514983 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Software** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 575.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Perry, David, T, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509222 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 200.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp VP Chf Global Bus Dev Ofc Receipt For: Aggregate Year-to-Date ▼ Primary General 4400.00 Other (specify) 250.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1112 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Perry, David, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513344 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 200.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Corp VP Chf Global Bus Dev Ofc Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 4600.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pesetski, Hong, Z,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512280 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 769.20 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pesetski, Hong, Z, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515777 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 807.66 Other (specify) 276.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1113 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Peterka, Patricia, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509956 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Electronics Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Peterka, Patricia, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2514385 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Peters, Larry, G., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2508677 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Peters, Larry, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513041 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 442.29 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Peters, Nancy, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510882 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Peters, Nancy, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515026 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 99.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Peterson, Craig, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511477 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Peterson, Craig, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515830 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Petri, Steven, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2512262 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 792.28 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

7

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PAGE 1116 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Petri, Steven, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515749 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Strategic Planning Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 830.74 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Petrie, Arnold, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509481 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Contract Administrator Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Petrie, Arnold, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514217 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Contract Administrator Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1117 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Petryszyn, Mary, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512041 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and General Manager Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2115.30 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Petryszyn, Mary, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515290 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2211.45 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pezzimenti, Pablo, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509225 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 813.20 Other (specify) 230.76 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 1118 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pezzimenti, Pablo, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513347 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 851.66 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Pfaff, David, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508518 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 550.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pfaff, David, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City Zip Code State Transaction ID: A2017-2513444 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) 88.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1119 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pfeiffer, James, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510984 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Corp Dir Division Counsel Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1100.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Pfeiffer, James, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514721 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp Dir Division Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1150.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pham, Duc, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509659 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Mechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General 330.00 Other (specify) 115.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1120 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 1121 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c

1632

12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Phan, Colin, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511245 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Phan, Colin, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514596 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 884.58 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Philhower, Jeffry, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510696 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 280.00 Other (specify) 116.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1122 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Philhower, Jeffry, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512693 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 52.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 332.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Phillips, Scott, H, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511887 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Software** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 550.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Phillips, Scott, H., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515714 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Software** Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) 102.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Phillips, William, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511442 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 819.20 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Phillips, William, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515629 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 857.66 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Piche, Christopher, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2508515 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 96.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Piche, Christopher, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513441 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Pickup, Helen, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511716 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 846.12 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Pickup, Helen, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516023 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) 96.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1125 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 14 13 15 16

Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pierce, Erin, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510015 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Government Affairs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1050.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pierce, Erin, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2512962 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Government Affairs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1100.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pierce, Keri, G., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509206 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Human Resources Receipt For: Aggregate Year-to-Date ▼ Primary General 429.00 Other (specify) 119.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1126 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pierce, Keri, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513329 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Human Resources Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 448.50 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Pieronek, Thomas, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510656 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and CTO Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 2115.30 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Pieronek, Thomas, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514807 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and CTO Receipt For: Aggregate Year-to-Date ▼ Primary General 2211.45 Other (specify) 211.80 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1127 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

1632

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pilger, Kenda, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511835 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **Engineer Embedded Software** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Pilger, Kenda, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2516363 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Embedded Software Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 442.29 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Pinkelton, Terri, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2508541 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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FOR LINE NUMBER: PAGE 1129 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pinton, Filippo, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512380 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pinton, Filippo, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515497 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pipes, Ronald, N., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2510565 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1130 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pipes, Ronald, N,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514550 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Piquet-Ortiz, Silvia, V, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510755 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Technology Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Piquet-Ortiz, Silvia, V,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512805 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1131 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pitts-Madonna, Elizabeth, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508648 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Human Resources and Admin Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pitts-Madonna, Elizabeth, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513012 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Human Resources and Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 884.58 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Pitz, Heather, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510175 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 24.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corporate Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General 528.00 Other (specify) 100.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1132 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pitz, Heather, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513588 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 24.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corporate Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General 552.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Plante, David, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509986 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Plante, David, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512932 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 64.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1133 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pluchino, Salvatore, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513057 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Electronics Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Plummer, Christopher, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID: A2017-2509479 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 846.12 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Plummer, Christopher, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512846 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) 96.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1135 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pocius, Charles, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511515 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.30 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 424.60 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pocius, Charles, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2515702 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.30 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 443.90 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pohl, David, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2508566 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 58.60 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 1136 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pohl, David, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513226 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pohland, Robert, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID: A2017-2511375 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 230.76 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pohland, Robert, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516137 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 249.99 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1137 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 1138 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pokrzywa, Brian, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516329 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 884.81 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Polc, Finnbarr, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511324 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 21.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 462.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Polc, Finnbarr, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516089 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 21.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 483.00 Other (specify) 80.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1139 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pollack, Catherine, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509338 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corporate Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pollack, Catherine, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2513711 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corporate Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Pomeroy, Jill, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2508909 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Government Affairs Receipt For: Aggregate Year-to-Date ▼ Primary General 538.58 Other (specify) 118.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1140 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pomeroy, Jill, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515166 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Government Affairs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 577.05 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Poole, Tonya, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508801 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 540.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Poole, Tonya, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512557 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 570.00 Other (specify) 98.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

SCHEDULE A (FEC Form 3X)

FOR LINE NUMBER: PAGE 1141 OF 1632

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		d by any person for the purpose of soliciting contributions I committee to solicit contributions from such committee.
NAME OF COMMITTEE (In Full) Employees of Northrop Grumm	an Corporation PAC	
Full Name of Individual (Last, First, Middle In Porter, Lori, G, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)	State Zip Code 22042 C Occupation (for Individual) Mgr Enterprise Wide Apps Aggregate Year-to-Date	
Full Name of Individual (Last, First, Middle In Porter, Lori, G, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify) ▼	State Zip Code VA 22042 C Occupation (for Individual) Mgr Enterprise Wide Apps Aggregate Year-to-Date	
Full Name of Individual (Last, First, Middle In Portner, David, A, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)	State Zip Code 22042 C Occupation (for Individual) Dir Business Development Aggregate Year-to-Date Aggregate Year-to-Date	
SUBTOTAL of Receipts This Page (optional)		96.92
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FOR LINE NUMBER: PAGE 1142 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Portner, David, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515316 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Potter, David, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2511548 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Potter, David, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516180 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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PAGE 1143 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Potter, Douglas, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511669 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Electrical** Receipt For: Aggregate Year-to-Date ▼ Primary General 330.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Potter, Douglas, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515977 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Electrical** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 345.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Powell, Bradford, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510149 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1100.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional).....

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FOR LINE NUMBER: **PAGE 1144 OF** 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Powell, Bradford, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513562 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Prangley, Karen, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511819 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 26.32 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Contract Administrator Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 394.80 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Prangley, Karen, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516347 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 26.32 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Contract Administrator Receipt For: Aggregate Year-to-Date ▼ Primary General 421.12 Other (specify) 102.64 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 1145 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Predaina, Christy, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510305 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 508.98 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Predaina, Christy, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513487 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 547.44 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Pressey, Scott, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2508658 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 16.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 352.00 Other (specify) 92.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1146 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pressey, Scott, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513023 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 32.80 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Project Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 384.80 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Price, James, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2509068 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Manufacturing** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Price, James, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512782 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Manufacturing** Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 52.80 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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FOR LINE NUMBER: PAGE 1150 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

14 13 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Prive, John, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515487 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Prusak, John, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512155 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1100.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Prusak, John, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515433 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: PAGE 1153 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Purvis, Shawn, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511155 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Corp VP and President ES Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2115.30 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Purvis, Shawn, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2512442 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp VP and President ES Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2211.45 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pye, Regina, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509488 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Project Management** Receipt For: Aggregate Year-to-Date ▼ Primary General 234.00 Other (specify) 231.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pye, Regina, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514224 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Project Management** Receipt For: Aggregate Year-to-Date ▼ Primary General 273.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pyles, Brandt, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509883 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 550.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pyles, Brandt, B, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514653 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) 89.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pype, Achiel, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510479 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Human Resources Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Pype, Achiel, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2514802 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Human Resources Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Quejado, Rudy, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2511656 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 36.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 792.00 Other (specify) 76.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1156 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Quejado, Rudy, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515965 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 36.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 828.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Quigley, Edward, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID: A2017-2511313 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Quigley, Edward, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515856 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 76.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ____

FOR LINE NUMBER: PAGE 1157 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Quinn, Alice, B, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510419 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 846.34 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Quinn, Alice, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2514008 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 884.81 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Quinn, Ellen, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509044 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 46.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Quality Analyst** Receipt For: Aggregate Year-to-Date ▼ Primary General 1012.00 Other (specify) 122.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the **Detailed Summary Page** Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Quinn, Ellen, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513083 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 46.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Quality Analyst** Receipt For: Aggregate Year-to-Date ▼ Primary General 1058.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Rabens, Michael, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2510600 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 846.12 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Rabens, Michael, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513801 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) 122.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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PAGE 1159 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Radford, Edward, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508663 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Radford, Edward, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513028 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Raiford, Richard, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509301 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 2200.00 Other (specify) 140.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1160 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Raiford, Richard, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513256 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Strategic Planning Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2300.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Rains, Lon, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509657 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1650.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Rains, Lon, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514216 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 1725.00 Other (specify) 250.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1161 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Raksnys, Robert, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511048 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Manufacturing** Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Raksnys, Robert, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513157 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Manufacturing** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 575.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Rama, Sima, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2511176 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Health Research Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 846.34 Other (specify) 88.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1162 OF (check only one) **X** 11a 11b 11c

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FOR LINE NUMBER: PAGE 1163 OF 1632 Use separate schedule(s) for each category of the Detailed Summary Page

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I \	AME OF COMMITTEE (In Full) Imployees of Northrop Grumma	n Corpora	ation PAC				
A	III Name of Individual (Last, First, Middle Initia Ramirez, Miguel, A, , ailing Address 2980 Fairview Park Drive	Date of Receipt					
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Ci	ty alls Church	State Zip Code VA 22042		Transaction ID : A2017-2512241			
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B R	III Name of Individual (Last, First, Middle Initia Ramirez, Miguel, A, , ailing Address 2980 Fairview Park Drive	Date of Receipt					
Ci	tv	State	Zip Code	11 17 2017			
	alls Church	VA	22042	Transaction ID : A2017-2515574 Amount of Each Receipt this Period			
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	ull Name of Individual (Last, First, Middle Initia Ramme, Donald, R, ,	Date of Receipt					
_	ailing Address 2980 Fairview Park Drive	11 03 2017					
Ci F	ty alls Church	Transaction ID : A2017-2509835 Amount of Each Receipt this Period					
	EC ID number of contributing deral political committee.	20.00					
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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ramme, Donald, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513385 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Program Control Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Ramsay, Stacey, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508848 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Cost Estimating Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Ramsay, Stacey, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513901 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 55.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Cost Estimating Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 935.00 Other (specify) 115.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Randolph, Thomas, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509594 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 858.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Randolph, Thomas, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2513621 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 897.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Rao, Sudhakar, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2510607 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) 97.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 1166 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ratcliff, Stephanie, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510102 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Project Management** Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Ratcliff, Stephanie, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513516 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Project Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Readey, Michael, V., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509878 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Mechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 50.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1168 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Readey, Michael, V,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512928 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Mechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Reams, Brett, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511300 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 423.06 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Reams, Brett, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515843 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 442.29 Other (specify) 48.46 SUBTOTAL of Receipts This Page (optional).....

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FOR LINE NUMBER: PAGE 1169 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Rebman, Elizabeth, E, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509839 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Rebman, Elizabeth, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513389 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 575.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Rechen, Daniel, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509521 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Mechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional).....

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FEC Schedule A (Form 3X) Rev. 06/2016

FOR LINE NUMBER: PAGE 1171 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Redmond, Martin, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511179 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Redmond, Martin, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2512467 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Reed, Darryl, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2511791 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ____

FOR LINE NUMBER: PAGE 1172 OF (check only one) **X** 11a 11b 11c

1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Reed, Darryl, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516319 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Reed, Henry, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510233 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Reed, Henry, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513772 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: PAGE 1173 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Reed, Patricia, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511249 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Reed, Patricia, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514600 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Reeves, Timothy, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510129 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Reeves, Timothy, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513542 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Reid, Paul, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2512232 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 423.06 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Reid, Paul, G, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515565 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 442.29 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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PAGE 1175 OF 12

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Reid, Ryan, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510938 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Reid, Ryan, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514423 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Reid, Samuel, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511435 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Software** Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1176 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Reid, Samuel, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515622 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Software** Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Reigel, Esther, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511890 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Opers Pgm Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Reigel, Esther, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City Zip Code State Transaction ID: A2017-2515717 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Opers Pgm Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 360.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1177 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Reilly, Pamela, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508511 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Subcontract Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Reilly, Pamela, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513437 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontract Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Reinberger, David, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509701 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Reinberger, David, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514112 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Reinert, Richard, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2510472 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Reinert, Richard, A., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514315 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Reinke, Richard, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511463 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and CTO Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1100.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Reinke, Richard, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515649 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and CTO Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1150.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Reinl, Catherine, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID : A2017-2510110 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Proposals Receipt For: Aggregate Year-to-Date ▼ Primary General 990.00 Other (specify) 145.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Primary

General

SCHEDULE A (FEC Form 3X) ITEMIZED RECEIPTS

FOR LINE NUMBER: PAGE 1181 OF 1632 Use separate schedule(s) for each category of the Detailed Summary Page

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Other (specify) ▼		575.00					
Full Name of Individual (Last, First, Middle Ini Remington, Jonathan, R, , Mailing Address 2980 Fairview Park Drive	 						
City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)		Zip Code 22042 ation (for Individual) d Controller ear-to-Date ▼ 2115.30	Transaction ID: A2017-2508519 Amount of Each Receipt this Period 96.15 Memo Item				
SUBTOTAL of Receipts This Page (optional)		>	146.15				

Aggregate Year-to-Date ▼

TOTAL This Period (last page this line number only).....

7

FOR LINE NUMBER: PAGE 1182 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Remington, Jonathan, R, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513445 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and Controller Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2211.45 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Remy, Mike, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510905 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Remy, Mike, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515049 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 136.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1183 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Renard, Guy, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510501 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1100.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Renard, Guy, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515089 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1150.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Resetar, Douglas, E., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509247 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 720.00 Other (specify) 140.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1184 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

1632

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Resetar, Douglas, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513683 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 760.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Resnik, Stanley, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510320 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 229.23 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Resnik, Stanley, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513502 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 248.46 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1185 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Reyes, Tarik, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508652 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP Business Development** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2115.30 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Reyes, Tarik, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513016 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2211.45 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Reynolds, Andrew, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510881 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Production Operations** Receipt For: Aggregate Year-to-Date ▼ Primary General 2115.30 Other (specify) 288.45 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1186 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Reynolds, Andrew, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515025 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP Production Operations** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2211.45 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Reynolds, Patrick, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509133 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Electronics** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Reynolds, Patrick, G., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514425 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Electronics** Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 116.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1187 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Reynolds, Shaugnessy, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510127 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Strategic Planning Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Reynolds, Shaugnessy, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513540 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Rich, Edward, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2511361 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer RF Microwave Design Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1188 OF (check only one) **X** 11a 11b 11c

1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Rich, Edward, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516123 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Engineer RF Microwave Design Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Richard, Kenneth, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2510918 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Richard, Kenneth, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515062 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1189 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Richard, Patrick, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511370 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 423.08 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Richard, Patrick, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516132 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 443.08 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Richards, Donald, F., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2512142 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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FOR LINE NUMBER: (check only one) **X** 11a 11b 11c

PAGE 1190 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Richards, Donald, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515420 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Richardson Scott, Candace, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509498 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Accounting Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 550.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Richardson Scott, Candace, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514235 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Accounting Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional).....

7

FOR LINE NUMBER: PAGE 1191 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Richter, Gary, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509026 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 846.34 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Richter, Gary, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513065 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 884.81 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Rieckewald, Jared, E., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511195 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir CA and PTW Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) 115.40 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

SCHEDULE A (FEC Form 3X) FOR LINE NUMBER: PAGE 1192 OF 1632 Use separate schedule(s) (check only one) ITEMIZED RECEIPTS for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Rieckewald, Jared, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512485 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir CA and PTW Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 807.66 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Rifelli, Richard, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2509052 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Rifelli, Richard, E, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513091 VAFalls Church 22042 Amount of Each Receipt this Period

FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7 FEC Schedule A (Form 3X) Rev. 06/2016

FOR LINE NUMBER: PAGE 1193 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Rigby, David, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512371 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Multiple Functions Receipt For: Aggregate Year-to-Date ▼ Primary General 858.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Rigby, David, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2515488 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Multiple Functions Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 897.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Riippa, Nicholas, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509673 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Proposals Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 98.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 1194 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Riippa, Nicholas, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514279 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Proposals Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Riley, Michael, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508966 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Riley, Michael, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512644 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 40.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1195 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ringsby, Kathleen, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509502 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 22.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Subcontract Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 484.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Ringsby, Kathleen, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID : A2017-2514240 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 22.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontract Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 506.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Rinnert, Molly, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509933 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Project Management** Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 64.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1196 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

1632

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Rinnert, Molly, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515208 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Project Management** Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Rist, Mark, J, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510789 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 847.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Rist, Mark, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513630 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 885.50 Other (specify) 97.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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FOR LINE NUMBER: PAGE 1198 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ritchie, Matthew, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512536 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Rivers, Michael, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510114 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 46.16 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1015.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Rivers, Michael, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513528 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 46.16 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 1061.68 Other (specify) 142.32 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1199 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 1200 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 1201 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 1202 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 1203 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12 13 14 15 16

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FOR LINE NUMBER: PAGE 1204 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 1205 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 1206 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: **PAGE 1208 OF** (check only one) **X** 11a 11b 11c

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FOR LINE NUMBER: PAGE 1209 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Roden, Frank, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516125 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 9.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 212.29 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Rodgers, Donald, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511828 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 990.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Rodgers, Donald, B, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516356 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 1035.00 Other (specify) 99.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Rodriguez, George, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510351 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Rodriguez, George, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2514754 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Roeder, Roshan, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2512131 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify)

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Roeder, Roshan, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515657 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Rogers, Kathleen, P, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509055 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Configuration Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Rogers, Kathleen, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513094 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Configuration Analyst** Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Rollans, Leo, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509483 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Subcontract Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Rollans, Leo, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514219 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontract Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Roller, Michael, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2512068 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 576.90 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Roller, Michael, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515317 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Strategic Planning Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Rollins, LaRease, N, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2511072 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr HR Business Partner Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 722.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Rollins, LaRease, N., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513181 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr HR Business Partner Receipt For: Aggregate Year-to-Date ▼ Primary General 761.00 Other (specify) 116.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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1632

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Romano, Kenneth, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509079 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Romano, Kenneth, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 11 City State Zip Code Transaction ID: A2017-2512793 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Romano, Salvatore, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2512337 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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1632

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Root, Mark, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510582 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Root, Mark, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2513783 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Roper, Scott, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2511877 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 244.53 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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PAGE 1218 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Roper, Scott, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515704 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 263.76 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Rosato, Salvatore, N,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID: A2017-2509041 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Budgeting Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Rosato, Salvatore, N., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513080 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Budgeting Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Roscosky, Paul, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511328 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Electronics** Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Roscosky, Paul, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516093 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Electronics** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Ross, Richard, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2512157 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 22.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 495.00 Other (specify) 42.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ross, Richard, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515435 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 22.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 517.50 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Rossi, Mark, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2512407 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 779.20 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Rossi, Mark, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515370 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 817.66 Other (specify) 99.42 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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1632 Use separate schedule(s) for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Roth, Daniel, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511368 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Roth, Daniel, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516130 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Rovnack, George, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511310 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1222 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Rubcic, Peter, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509961 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Rubcic, Peter, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514938 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 884.58 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Ruf, Kimberly, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510617 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontracts Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) 101.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1224 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Rusche, Raymond, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509004 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Configuration Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Rusche, Raymond, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2512765 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Configuration Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Rush, Mark, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2511977 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Security Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) 45.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1226 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Rush, Mark, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516275 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mar Security Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Russ, Robin, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509575 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Budgeting Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 990.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Russ, Robin, B, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512898 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Budgeting Receipt For: Aggregate Year-to-Date ▼ Primary General 1035.00 Other (specify) 115.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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1632

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FOR LINE NUMBER: PAGE 1228 OF 1632 Use separate schedule(s)

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Rutledge, Sarah, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510269 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Rutledge, Sarah, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515249 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Ruziecki, Donald, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511275 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ruziecki, Donald, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514086 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 970.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Ryan, Stephen, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2511738 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Ryan, Stephen, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516044 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 130.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1231 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ryder, Loren, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510746 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Ryder, Loren, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514506 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Sadler, Bobby, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2511962 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 990.00 Other (specify) 125.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sadler, Bobby, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516261 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 1035.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Sakamoto, Steven, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508824 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Sakamoto, Steven, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512580 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 85.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1233 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: **PAGE 1234 OF** 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Saleh, Zaki, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513802 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 884.81 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Salehi, Joseph, T, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2511252 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Structural Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Salehi, Joseph, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514603 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Structural Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 58.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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FOR LINE NUMBER: PAGE 1236 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Salisbury, David, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515494 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Sales Dev Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Sanchez, Franklin, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509769 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Env Health Safety Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Sanchez, Franklin, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513110 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Env Health Safety Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1237 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12 13 14 15 16

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FOR LINE NUMBER: **PAGE 1238 OF** Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 1239 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sandy, Michael, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515955 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Sanfilippo, Giuseppe, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510923 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Subcontract Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Sanfilippo, Giuseppe, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515067 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Subcontract Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1241 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sanyal, Malini, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511138 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 847.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Sanyal, Malini, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2513867 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 885.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Sapp, Mark, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID : A2017-2511133 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Logistics Receipt For: Aggregate Year-to-Date ▼ Primary General 429.00 Other (specify) 96.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sapp, Mark, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513862 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Logistics Receipt For: Aggregate Year-to-Date ▼ Primary General 448.50 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Saracino, Thomas, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509845 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Saracino, Thomas, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513395 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 59.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ____

FOR LINE NUMBER: PAGE 1243 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: **PAGE 1244 OF** 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Saterlie, Steven, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512902 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Architect** Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Sathoff, J, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509444 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Sathoff, J, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514789 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sattler, Marc, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509269 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Sattler, Marc, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2513705 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Saxon, Christina, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510131 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 40.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1246 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 1247 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sayer, Matthew, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509708 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Sayer, Matthew, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514119 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Scalice, Michael, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2512324 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: **PAGE 1248 OF** Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Scarborough, Lisa, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510469 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Scarborough, Lisa, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID : A2017-2514312 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 442.29 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Scarcella, Jerome, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID : A2017-2510760 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Electromechanical Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 48.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1250 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 1251 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 1252 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

1632

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PAGE 1253 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Schaffer, Randy, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509250 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Schaffer, Randy, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513686 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Schantz, Christopher, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511359 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Supply Chain Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 300.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional).....

FOR LINE NUMBER: PAGE 1254 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Schantz, Christopher, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516121 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Supply Chain Planning Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Schaus, Douglas, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509116 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 550.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Schaus, Douglas, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513371 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ____

FOR LINE NUMBER: PAGE 1255 OF (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 1256 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Schei, Rachel, N,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512899 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 690.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Scheitler, Mark, T, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511882 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 846.12 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Scheitler, Mark, T, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515709 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) 106.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1257 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 1258 OF 1632 Use separate schedule(s)

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7

FOR LINE NUMBER: PAGE 1259 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Schissel, Michael, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512165 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Schissel, Michael, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515443 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Schlakman, Jo Anne, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509058 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1260 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Schlakman, Jo Anne, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513097 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Schlegel, John, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509212 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 846.12 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Schlegel, John, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513335 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) 116.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1261 OF (check only one) **X** 11a 11b 11c

1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Schmuff, John, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511412 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Multiple Functions Receipt For: Aggregate Year-to-Date ▼ Primary General 990.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Schmuff, John, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515598 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Multiple Functions Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1035.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Schmuttermair, George, A., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID : A2017-2510780 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Test Inspection Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 110.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 1262 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Schmuttermair, George, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514569 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Test Inspection Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Schneickert, George, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2510012 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Schneickert, George, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512959 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1263 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Schoch, Karl, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512349 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Mechanical Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Schoch, Karl, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2515546 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mechanical Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Schoeller, Kenneth, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509007 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1264 OF (check only one) **X** 11a 11b 11c

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FEC Schedule A (Form 3X) Rev. 06/2016

FOR LINE NUMBER: PAGE 1266 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 1267 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 1268 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

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FOR LINE NUMBER: PAGE 1269 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Schubert, Robert, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511464 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Schubert, Robert, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2515817 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Schuler, Ann, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2511059 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 40.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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FOR LINE NUMBER: PAGE 1270 OF 1632

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FOR LINE NUMBER: PAGE 1271 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Schulz, Paul, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512207 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Schulz, Paul, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515485 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 442.29 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Schuster, Joseph, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511348 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 809.20 Other (specify) 76.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1272 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Schuster, Joseph, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516110 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 847.66 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Schutte, Kenny, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511254 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 495.41 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Schutte, Kenny, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514605 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 533.88 Other (specify) 115.40 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1273 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Schwarz, Stephen, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512183 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 990.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Schwarz, Stephen, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2515460 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1035.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Schwatka, Elizabeth, G., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510405 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Dir Communications** Receipt For: Aggregate Year-to-Date ▼ Primary General 1100.00 Other (specify) 140.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1274 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Scott, Daniel, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509796 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and CIO Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Scott, Daniel, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2513137 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and CIO Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Screven, Harold, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2512313 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Sciences Spt Receipt For: Aggregate Year-to-Date ▼ Primary General 655.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Screven, Harold, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515511 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Sciences Spt Receipt For: Aggregate Year-to-Date ▼ Primary General 695.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Scruggs, Emitte, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510879 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Staffing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Scruggs, Emitte, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515023 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C -10.00federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Staffing Receipt For: Aggregate Year-to-Date ▼ Primary General 210.00 Other (specify) 40.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ____

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Seay, Paul, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510399 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 46.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1012.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Seay, Paul, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513989 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 46.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1058.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Seefried, Alexander, F., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509794 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) 130.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1278 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Seefried, Alexander, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513135 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Information Technology Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Segal, Matthew, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508656 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 57.70 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1269.40 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Segal, Matthew, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513021 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 57.70 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1327.10 Other (specify) 153.86 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Seifert, John, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512200 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Project Management** Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Seifert, John, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2515478 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Project Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Seipel, Robert, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509501 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 330.00 Other (specify) 55.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 1280 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Seipel, Robert, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514239 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 345.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Seitz, Daniel, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511519 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Seitz, Daniel, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515809 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 55.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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FOR LINE NUMBER: PAGE 1282 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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SCHEDULE A (FEC Form 3X) ITEMIZED RECEIPTS

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Use separate schedule(s) for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Selmer, Philip, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516050 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 8.94 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **Engineer Embedded Software** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 205.62 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Semelka, Frank, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510064 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Semelka, Frank, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID : A2017-2515172 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Senna-Jackson, Jane, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508679 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 807.66 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Senna-Jackson, Jane, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513044 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 846.12 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Sepp, Eric, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509789 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) 96.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1285 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sepp, Eric, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513130 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 442.29 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Sesto, Paul, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2511337 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 330.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Sesto, Paul, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515867 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 345.00 Other (specify) 49.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7 7

FOR LINE NUMBER: PAGE 1286 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Setiyawan, Wibowo, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509585 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Enterprise Wide Apps Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Setiyawan, Wibowo, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2512908 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Enterprise Wide Apps Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 884.58 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Severn, Daniel, G., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2511358 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Finance Receipt For: Aggregate Year-to-Date ▼ Primary General 847.00 Other (specify) 115.42 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1287 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Severn, Daniel, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516120 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Finance Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 885.50 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Severn, Glenn, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2512388 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Severn, Glenn, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516097 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 118.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: **PAGE 1288 OF** Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Shad, Naveed, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510360 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Shad, Naveed, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2514763 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 884.58 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Shaffar, Scott, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID : A2017-2510708 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 5.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 250.00 Other (specify) 81.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Shaffar, Scott, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512705 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 5.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 255.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Shaffer, Douglas, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509249 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2115.30 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Shaffer, Douglas, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513685 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 2211.45 Other (specify) 197.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Shafie, Dana, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508556 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1100.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Shafie, Dana, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2514542 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1150.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Shah, Rahul, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID : A2017-2510300 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Cyber Systems Engrng Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 140.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1291 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Shah, Rahul, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513482 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Cyber Systems Engrng Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Shaibani, Sanan, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511784 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Shaibani, Sanan, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516073 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Shannon, Bryan, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509687 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Shannon, Bryan, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513728 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Sharp, Raymond, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510386 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1293 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

1632

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sharp, Raymond, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513976 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Software Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 807.66 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Shaw, Jack, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508481 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 540.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Shaw, Jack, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513408 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 570.00 Other (specify) 98.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Shaw, Kenneth, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511666 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 22.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 484.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Shaw, Kenneth, J, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515974 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 22.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 506.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Shaw, Lee, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2512260 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 1100.00 Other (specify) 94.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1295 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Shaw, Lee, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515747 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Shea, Charles, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508670 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 550.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Shea, Charles, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513035 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

SCHEDULE A (FEC Form 3X)

FOR LINE NUMBER: PAGE 1296 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

ITEMIZED RECEIPTS for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Shea, Elizabeth, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511433 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Human Resources Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Shea, Elizabeth, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515620 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Human Resources Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Shea, John, E, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2512245 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 2003.00 Other (specify) 176.15 SUBTOTAL of Receipts This Page (optional).....

TOTAL This Period (last page this line number only).....

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PAGE 1297 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Shea, John, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515578 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP Business Management** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2099.15 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Shedlick, Edward, P, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509111 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Contracts and Pricing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1100.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Shedlick, Edward, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513366 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Contracts and Pricing Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) 196.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1298 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sheedy, Edward, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509818 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Sheedy, Edward, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514033 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Sheffield, John, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509433 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for De Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sheffield, John, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514415 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Shekar, Sam, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2510598 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Medical Officer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 924.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Shekar, Sam, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2513799 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Chief Medical Officer** Receipt For: Aggregate Year-to-Date ▼ Primary General 966.00 Other (specify) 124.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Shelton, Joseph, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508814 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Shelton, Joseph, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2512570 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 442.29 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Shepherd, Michael, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511149 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1650.00 Other (specify) 113.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1301 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Shepherd, Michael, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513878 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1725.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Sherwin, Marc, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2512347 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Sherwin, Marc, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515544 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 155.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Shifflett, Frank, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510401 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 520.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Shifflett, Frank, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2513991 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 560.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Shinagawa, Jeffrey, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2508619 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1303 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Shinagawa, Jeffrey, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514842 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Shockley, Ruth, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509190 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 125.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Proposals Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 2750.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Shockley, Ruth, A., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513313 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 125.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Proposals Receipt For: Aggregate Year-to-Date ▼ Primary General 2875.00 Other (specify) 270.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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FOR LINE NUMBER: PAGE 1305 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Shumpert, John, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511552 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Shumpert, John, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516184 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Sicard, Glenn, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2512188 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Embedded Software Receipt For: Aggregate Year-to-Date ▼ Primary General 1100.00 Other (specify) 130.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1307 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Siddiqui, Mansoor, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511266 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 660.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Siddiqui, Mansoor, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2514077 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 690.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Sidor, John, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511516 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sidor, John, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515703 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Siegal, Howard, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509449 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Pricing Cost Estimating Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Siegal, Howard, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514794 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Pricing Cost Estimating Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Silengo, Tyson, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515326 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 442.29 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Silkaitis, John, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511497 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Embedded Sftwre Eng Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 423.06 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Silkaitis, John, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515684 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Embedded Sftwre Eng Receipt For: Aggregate Year-to-Date ▼ Primary General 442.29 Other (specify) 57.69 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Silva, Randy, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509623 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Traffic Administrator Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Silva, Randy, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514182 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Traffic Administrator Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 575.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Silvia, John, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509492 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) 69.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Silvia, John, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514229 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 442.29 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Simer, Gregory, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512252 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 846.12 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Simer, Gregory, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515585 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) 96.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1314 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Simerly, Carolyn, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510019 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Simerly, Carolyn, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512966 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Simmons, Debra, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511474 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Facilities Rep Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Simmons, Debra, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515827 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Facilities Rep Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Simoni, Martin, P, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2512117 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1090.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Simoni, Martin, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515395 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1140.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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1632

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Simonini, Mark, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511486 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Simonini, Mark, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515673 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Simons, Carrie, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509733 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mfg Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Simons, Carrie, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514144 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mfg Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Simpson, James, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510105 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 550.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Simpson, James, K., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513519 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Simpson, Kathryn, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511173 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Deputy General Counsel Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2115.30 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Simpson, Kathryn, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512460 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Deputy General Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2211.45 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Sinsheimer, Jeanne, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510563 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 660.00 Other (specify) 222.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1319 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sinsheimer, Jeanne, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513010 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 690.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Sit, Maria, I, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509936 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Industrial Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 516.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Sit, Maria, I, , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City Zip Code State Transaction ID: A2017-2515211 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Industrial Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 555.00 Other (specify)

SUBTOTAL of Receipts This Page (optional).....

TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: PAGE 1320 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Skinner, Richard, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513507 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Skinner, Walter, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511204 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2115.30 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Skinner, Walter, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512494 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 2211.45 Other (specify) 212.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Skora, Thomas, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512236 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 46.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Embedded Software** Receipt For: Aggregate Year-to-Date ▼ Primary General 998.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Skora, Thomas, P, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515569 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 46.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Embedded Software Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1044.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Skurla, Martin, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID : A2017-2509408 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 990.00 Other (specify) 137.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Skurla, Martin, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514391 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Information Technology Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1035.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Slarich, Julie, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512293 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Slarich, Julie, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID : A2017-2515790 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 125.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 1324 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Slate, Nathan, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509214 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Slate, Nathan, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513337 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Slavin, David, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510903 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Microelec Smcndctr Receipt For: Aggregate Year-to-Date ▼ Primary General 1100.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 1325 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Slavin, David, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515047 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Microelec Smcndctr Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Slaydon, Claudia, H, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509335 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 990.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Slaydon, Claudia, H., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513357 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1035.00 Other (specify) 140.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1326 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 1327 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: **PAGE 1328 OF** Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

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FOR LINE NUMBER: PAGE 1329 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 1330 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

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FOR LINE NUMBER: PAGE 1332 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 1334 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 1335 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 1336 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 1337 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

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FOR LINE NUMBER: **PAGE 1338 OF** 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 1339 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 1340 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 1341 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Smith, Walter, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511588 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Smith, Walter, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515897 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 442.29 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Snell, David, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509326 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Procurement Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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1632

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1632

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FOR LINE NUMBER: **PAGE 1344 OF** 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 1345 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 1346 OF (check only one) **X** 11a 11b 11c

1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Soeder, Shawn, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513666 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Architect** Receipt For: Aggregate Year-to-Date ▼ Primary General 897.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Sokoloski, Robin, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509267 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2200.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Sokoloski, Robin, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513703 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 2250.00 Other (specify) 189.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

SCHEDULE A (FEC Form 3X)

FOR LINE NUMBER: PAGE 1347 OF 1632

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or for commercial purposes, other than using the ha	ame and a	address of any political committee	to solicit co	ontribt	ations ire	om sucr	1 COMMIL	itee.		
Employees of Northrop Grumman	Corpo	oration PAC								
Full Name of Individual (Last, First, Middle Initial Solberg, Eric, J, ,) or Full O	Date of Receipt								
Mailing Address 2980 Fairview Park Drive	0	777. O. d.	11		03	/ Y	2017	Y		
City Falls Church	State VA	Zip Code 22042			on ID : A Each Re		510311 is Period			
FEC ID number of contributing federal political committee.	C					-		.50		
Name of Employer (for Individual)		cupation (for Individual)		/lemo	Item					
Northrop Grumman Corporation	Info	ormation Sys Project Mgr								
Receipt For: Primary General	Year-to-Date ▼									
Other (specify) ▼		847.00								
Full Name of Individual (Last, First, Middle Initial) 3. Solberg, Eric, J, ,) or Full O	Organization Name	Data	of Box	noint					
Mailing Address 2980 Fairview Park Drive			Date of Receipt							
-	Ta		11		17	L	2017			
City Falls Church	State VA	Zip Code 22042	Transaction ID : A2017-2513493 Amount of Each Receipt this Period							
FEC ID number of contributing		22042								
federal political committee.	C		38.50							
Name of Employer (for Individual) Northrop Grumman Corporation		cupation (for Individual) ormation Sys Project Mgr	N	Memo	Item					
Receipt For:	Aggregate	Year-to-Date ▼								
Primary General Other (specify) ▼		885.50								
Full Name of Individual (Last, First, Middle Initial Solomon, Margaret, J, ,) or Full O	Organization Name	Date of	of Red	ceipt					
Mailing Address 2980 Fairview Park Drive			11	M /	03	/ Y	2017	Y		
City	State	Zip Code	Tran	sacti	on ID : A	2017-2	511304			
Falls Church	VA	22042	Amour	nt of E	Each Re	ceipt th	is Period	d		
FEC ID number of contributing federal political committee.	С			_	,		19.	.23		
Name of Employer (for Individual)		cupation (for Individual)		Memo	Item					
Northrop Grumman Corporation Receipt For:	r Engineering	_								
Primary General	Aggregate	Year-to-Date ▼								
Other (specify)		423.06								
SUBTOTAL of Receipts This Page (optional)		>			,	,	96.	23		
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FOR LINE NUMBER: PAGE 1348 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 1349 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 1350 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sorensen, Trent, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516373 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Env Health Safety Receipt For: Aggregate Year-to-Date ▼ Primary General 885.50 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Soriano, Edward, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508601 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 550.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Soriano, Edward, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID : A2017-2515150 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) 88.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 1351 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 1352 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 1353 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Spada, Carl, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511377 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Spada, Carl, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516139 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 600.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Spangler, Megan, E, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2508482 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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1632

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FOR LINE NUMBER: PAGE 1355 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Speaker, David, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510198 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Structural** Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Speaker, David, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513737 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Structural** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Speight, William, X, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510058 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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1632

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1632

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FOR LINE NUMBER: PAGE 1359 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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1632 Use separate schedule(s) for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Spruill, Jerry, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515400 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 900.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Squires, Stephen, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2509942 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 990.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Squires, Stephen, G., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514370 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1035.00 Other (specify) 135.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1361 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name St Clair, Robin, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509348 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 2200.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** St Clair, Robin, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514869 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2300.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. St John, Kevin, B, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509771 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 220.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1362 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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1632

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FOR LINE NUMBER: PAGE 1364 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

1632

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stanjevich, Laura, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510973 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Mechanical Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Stanjevich, Laura, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2514524 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mechanical Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 575.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Stanko, Gerald, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511878 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1365 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 1366 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stanley, Paul, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511183 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Government Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2200.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Stanley, Paul, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2512471 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Government Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 2300.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Stapel, Linda, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2511951 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Prod Plng and Scheduler Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 220.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1367 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stapel, Linda, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516250 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Prod Plng and Scheduler Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Stapp, Richard, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508790 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Research Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 2115.30 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Stapp, Richard, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512546 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Research Receipt For: Aggregate Year-to-Date ▼ Primary General 2211.45 Other (specify) 212.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1368 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Starace, Ralph, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509102 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Starace, Ralph, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514061 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Stavropoulos, Thomas, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2508676 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) 45.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1369 OF (check only one) **X** 11a 11b 11c 12

1632 Use separate schedule(s) for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stavropoulos, Thomas, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513040 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Stecher, William, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512319 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Electronics** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Stecher, William, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515517 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Electronics** Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 65.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1370 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stellman, Bradley, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509490 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Procurement Analyst** Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Stellman, Bradley, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514227 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Procurement Analyst** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Stephens, Edward, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510333 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1371 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stephens, Edward, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514736 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Stephenson, Ralph, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID : A2017-2511282 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mechanical Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Stephenson, Ralph, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514093 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mechanical Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1372 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sterk, Kenneth, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511078 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Sterk, Kenneth, J, Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2513187 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Stern, Philip, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509445 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Guidance Nav Ctrl Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1373 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stern, Philip, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514790 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **Engineer Guidance Nav Ctrl** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Sterne, Ray, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2510417 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Procurement Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Sterne, Ray, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514006 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Procurement Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 40.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7 7

FOR LINE NUMBER: PAGE 1374 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stevens, Lauren, I, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511050 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Stevens, Lauren, I,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513159 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 884.58 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Steward, Kevin, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509757 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1320.00 Other (specify) 136.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1375 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Steward, Kevin, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512819 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1380.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Stewart, Scott, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508941 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 846.12 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Stewart, Scott, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512619 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) 136.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1376 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stiebel, Walter, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509716 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 847.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Stiebel, Walter, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2514127 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 885.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Stigdon, Stanley, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2512311 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 117.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1377 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stigdon, Stanley, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515509 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Stiltner, Vivian, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511754 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Business Planning Analyst** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Stiltner, Vivian, L., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515588 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Business Planning Analyst** Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

SCHEDULE A (FEC Form 3X)

FOR LINE NUMBER: PAGE 1378 OF 1632

TEMIZED RECEIPTS	for each category of the Detailed Summary Page	(check only one)				
	Statements may not be sold or used by any per the name and address of any political committee					
NAME OF COMMITTEE (In Full) Employees of Northrop Grumn	man Corporation PAC					
Full Name of Individual (Last, First, Middle I Stinson, Jon, M, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)	State Zip Code VA 22042 C Occupation (for Individual) Dir Programs Aggregate Year-to-Date ▼ 880.00	Date of Receipt 11 03 2017 Transaction ID: A2017-2510138 Amount of Each Receipt this Period 40.00 Memo Item				
Full Name of Individual (Last, First, Middle I Stinson, Jon, M, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify) ▼	State Zip Code VA Z2042 C Occupation (for Individual) Dir Programs Aggregate Year-to-Date 920.00	Date of Receipt 11 17 2017 Transaction ID : A2017-2513551 Amount of Each Receipt this Period 40.00 Memo Item				
Full Name of Individual (Last, First, Middle I Stirn, Kimberly, A, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)	Initial) or Full Organization Name State Zip Code VA 22042 C Occupation (for Individual) Mgr Cyber Systems Engrng Aggregate Year-to-Date 550.00	Date of Receipt 11 03 2017 Transaction ID: A2017-2512186 Amount of Each Receipt this Period 25.00 Memo Item				
SUBTOTAL of Receipts This Page (optional)		105.00				
TOTAL This Period (last page this line number	er only)					

FOR LINE NUMBER: PAGE 1379 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stirn, Kimberly, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515463 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Cyber Systems Engrng Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Stock, Keith, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2509547 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Enterprise wide Apps Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Stock, Keith, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2512870 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Enterprise wide Apps Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 45.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 1380 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stone, Jeffrey, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511540 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Stone, Jeffrey, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515733 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 442.29 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Stone, Natalie, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2508542 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 924.00 Other (specify) 80.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1381 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stone, Natalie, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512649 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 966.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Stone, Patricia, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509602 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Stone, Patricia, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514161 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 122.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1382 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stone, Wendy, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509704 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Program Control Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Stone, Wendy, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514115 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Program Control Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Storrs, Eamon, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2510194 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 660.00 Other (specify) 50.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1383 OF (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER:				PAGE 1384 OF				632			
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FOR LINE NUMBER: PAGE 1385 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stratford, Wayne, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513378 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Strathmeyer, Jeffrey, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508608 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Test** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Strathmeyer, Jeffrey, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515157 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Test** Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: **PAGE 1386 OF** Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER:					PAGE 1387 OF 163					
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FOR LINE NUMBER: **PAGE 1388 OF** 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Strickenburg, Mark, R, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512162 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Strickenburg, Mark, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515440 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Striedl, Joseph, C., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2512248 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 50.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Striedl, Joseph, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515581 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Stripinis, Jason, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508960 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 330.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Stripinis, Jason, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512638 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 345.00 Other (specify) 40.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1390 OF (check only one) **X** 11a 11b 11c

1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Struemph, Frank, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509984 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Process Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 660.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Struemph, Frank, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512930 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Process Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 690.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Stuhlfire, John, F, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2508817 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 350.00 Other (specify) 110.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1391 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16

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FOR LINE NUMBER: PAGE 1392 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 1393 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 1394 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 1395 OF (check only one) **X** 11a 11b 11c 12

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Summers, Paul, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508734 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Summers, Paul, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514470 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Sun, Jia, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509283 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 348.41 Other (specify) 78.47 SUBTOTAL of Receipts This Page (optional).....

FOR LINE NUMBER: PAGE 1397 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sun, Jia, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512832 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 386.88 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Sutter, Joseph, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511842 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 423.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Sutter, Joseph, L., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516370 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 442.75 Other (specify) 76.97 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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PAGE 1398 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sutton, James, O, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511169 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Strategic Planning Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Sutton, James, O, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2512455 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 884.58 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Sutton, Megan, F, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2508772 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) 101.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sutton, Megan, F, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512527 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 450.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Suty, James, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511608 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 847.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Suty, James, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515917 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 885.50 Other (specify) 102.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Swain, Anthony, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512070 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 1100.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Swain, Anthony, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515319 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1150.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Swan, Douglas, K, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510042 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Manufacturing** Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 110.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1401 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Swan, Douglas, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512989 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Manufacturing** Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Swanson, Anne, F, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510350 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Public Relations Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 550.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Swanson, Anne, F, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514753 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 5.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Public Relations Receipt For: Aggregate Year-to-Date ▼ Primary General 555.00 Other (specify) 40.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1402 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: **PAGE 1403 OF** 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Szallay, Todd, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515228 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir General Manufacturing Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Szymczak, Raymond, P, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511321 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Szymczak, Raymond, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516086 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional).....

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FOR LINE NUMBER: PAGE 1404 OF 1632 Use ser

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ITEMIZED RECEIPTS for each Detailed Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tack, Thomas, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511135 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Tack, Thomas, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513864 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Tallie, Diana, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509370 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation HR Business Partner Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) 105.00 SUBTOTAL of Receipts This Page (optional).....

FOR LINE NUMBER: PAGE 1405 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tallie, Diana, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514891 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) HR Business Partner Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Tamm, Regina, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509443 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 423.06 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Tamm, Regina, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514788 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 442.29 Other (specify) 63.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: **PAGE 1406 OF** Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

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ITEMIZED RECEIPTS

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Taylor, Kevin, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511670 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2200.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Taylor, Kevin, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2515978 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 2300.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Taylor, Lisa, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509495 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 846.34 Other (specify) 238.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Taylor, Lisa, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514232 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 884.81 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Taylor, Michael, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2514276 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Subcontract Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Taylor, Steven, P, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509727 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mechanical Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 88.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Taylor, Steven, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514138 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Mechanical Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Tazartes, Daniel, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511934 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 789.40 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Tazartes, Daniel, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516233 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 827.87 Other (specify) 86.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1413 OF (check only one) **X** 11a 11b 11c 12

1632 Use separate schedule(s) for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Telford, Clifford, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509182 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2200.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Telford, Clifford, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513305 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 2300.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Terry, Darby, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509310 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 240.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1414 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Terry, Darby, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513265 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Tessier, Jewell, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510975 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 846.12 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Tessier, Jewell, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514526 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) 116.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1415 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 1416 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Thomas, Jill, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512910 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Thomas, John, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510960 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Technology Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 846.12 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Thomas, John, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514466 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) 96.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 1419 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 1421 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 1423 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Thompson, Kristen, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508530 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Human Resources Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Thompson, Kristen, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2513456 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Human Resources Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Thompson, Mark, J, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510980 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: **PAGE 1424 OF** 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Thompson, Mark, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514531 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Thompson, William, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512213 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 846.12 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Thompson, William, G, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515754 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) 96.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: **PAGE 1425 OF** Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Thompson Harmon, Denise, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511725 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Embedded Sftwre Eng Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Thompson Harmon, Denise, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516032 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Embedded Sftwre Eng Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 575.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Thomson, Brent, H, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510059 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) 69.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1426 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Thomson, Brent, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514922 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 442.29 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Thorne, W, D, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2510007 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Thorne, W, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512954 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 39.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1427 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Thornhill, David, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510811 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Business Development Rep** Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Thornhill, David, H., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513652 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Business Development Rep** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 575.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Thornton, John, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511305 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.55 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 848.10 Other (specify) 88.55 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1428 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Thornton, John, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515848 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.55 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 886.65 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Thornton, Mark, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510803 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 846.12 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Thornton, Mark, H, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513644 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) 115.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: PAGE 1430 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tierney, C, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514743 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Tiet, Tri, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510444 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Manufacturing** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 520.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Tiet, Tri, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514287 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Manufacturing** Receipt For: Aggregate Year-to-Date ▼ Primary General 545.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ____

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PAGE 1431 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tiller, Lawrence, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511658 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Multiple Functions Receipt For: Aggregate Year-to-Date ▼ Primary General 1100.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Tiller, Lawrence, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2515967 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Multiple Functions Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1150.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Tinsley, John, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID : A2017-2510400 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Env Health Safety Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional).....

FOR LINE NUMBER: PAGE 1432 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tinsley, John, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513990 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Env Health Safety Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Tintner, Ryan, J, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511565 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 846.12 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Tintner, Ryan, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515875 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) 96.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1433 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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X	11a		11b		11c		12		
	13		14		15		16		17

ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tobias, Robert, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514713 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Tobin, Jack, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511051 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 423.06 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Tobin, Jack, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513160 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 442.29 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional).....

FOR LINE NUMBER: PAGE 1435 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 1436 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tokashiki, Karen, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515028 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Toland, Brent, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508644 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and CIO Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1100.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Toland, Brent, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2514783 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and CIO Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) 140.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1437 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: **PAGE 1438 OF** Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tomlinson, Thomas, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514637 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 192.30 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP Production Operations** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 4422.90 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Tomsic, Richard, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509611 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Electromechanical Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Tomsic, Richard, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID : A2017-2514170 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Electromechanical Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 272.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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FOR LINE NUMBER: **PAGE 1440 OF** Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 1442 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tragakis, Charles, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2653187 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 115.20 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 423.04 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Tragakis, Charles, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515351 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.24 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 442.28 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Tran, Doan-Trang, T, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511697 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 144.44 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1443 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tran, Doan-Trang, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516004 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Software Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Tran, Hao, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511696 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 846.12 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Tran, Hao, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516003 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) 86.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: **PAGE 1444 OF** Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: **PAGE 1445 OF** Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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1632

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FOR LINE NUMBER: PAGE 1449 OF 1632 Use separate schedule(s)

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Turner, Richard, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509854 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Turner, Richard, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513403 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Tuttle, Forrest, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2510256 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tuttle, Forrest, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515236 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 442.29 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Twomey, Thomas, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509128 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Twomey, Thomas, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514071 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: **PAGE 1454 OF** Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tylicki, Henry, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510814 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Tylicki, Henry, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513655 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 442.29 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Tzotchev, Elizabeth, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510246 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 48.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 1455 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tzotchev, Elizabeth, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515226 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Ublasi, Joe, J, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510113 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 22.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 484.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Ublasi, Joe, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2513527 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 22.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 506.00 Other (specify) 54.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1456 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Umbricht, Michael, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511888 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Umbricht, Michael, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2515715 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Underwood, Michelle, O, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511990 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Pgm Cost Sched&Cntrol Anlyst Receipt For: Aggregate Year-to-Date ▼ Primary General 924.00 Other (specify) 122.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Underwood, Michelle, O., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516288 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Pgm Cost Sched&Cntrol Anlyst Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 966.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Ung, Clinton, Y, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511654 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 846.12 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Ung, Clinton, Y,, Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City Zip Code State Transaction ID: A2017-2515963 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) 118.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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7

FOR LINE NUMBER: PAGE 1462 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Valentine, Kenneth, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511838 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Valentine, Kenneth, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2516366 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Valentino, Christopher, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510312 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1463 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Valentino, Christopher, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513494 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Valiquette, Valmore, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509943 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Subcontract Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Valiquette, Valmore, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514371 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Subcontract Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: **PAGE 1464 OF** Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 1465 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 1466 OF 1632 Use separate schedule(s) for each category of the Detailed Summary Page

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NAME OF COMMITTEE (In Full)						
Employees of Northrop Grumma	an Corporation PAC					
Full Name of Individual (Last, First, Middle Initi	Date of Receipt					
Mailing Address 2980 Fairview Park Drive	Mailing Address 2980 Fairview Park Drive					
	11 03 2017					
City	State Zip Code	Transaction ID : A2017-2510252				
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Northrop Grumman Corporation	Engineer Software	_				
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Full Name of Individual (Last, First, Middle Initi	al) or Full Organization Name					
3. Van Vooren, Linda, , ,		Date of Receipt				
Mailing Address 2980 Fairview Park Drive		11 17 2017				
City	State Zip Code	Transaction ID : A2017-2515232				
Falls Church	VA 22042	Amount of Each Receipt this Period				
FEC ID number of contributing federal political committee.	C	38.50				
Name of Employer (for Individual) Northrop Grumman Corporation	Occupation (for Individual) Engineer Software	Memo Item				
Receipt For:	Aggregate Year-to-Date ▼					
Primary General	999 100. 10 2010					
Other (specify) ▼	770.00					
Full Name of Individual (Last, First, Middle Initi	Date of Receipt					
Mailing Address 2980 Fairview Park Drive		M M / D D / Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y				
City	State Zip Code	Transaction ID : A2017-2509465				
Falls Church	VA 22042	Amount of Each Receipt this Period				
FEC ID number of contributing federal political committee.	C	19.23				
Name of Employer (for Individual)	Memo Item					
Northrop Grumman Corporation	Occupation (for Individual) Engineer Electrical	_				
Receipt For:	Aggregate Year-to-Date ▼					
Primary General						
Other (specify)	423.06					
SUBTOTAL of Receipts This Page (optional)	•	96.23				
TOTAL This Period (last page this line number of	only)					

FOR LINE NUMBER: PAGE 1467 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Vanhooser, Darris, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514902 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Electrical** Receipt For: Aggregate Year-to-Date ▼ Primary General 442.29 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Vaughan, Ingrid, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512384 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 550.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Vaughan, Ingrid, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516159 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) 69.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

SCHEDULE A (FEC Form 3X)

TOTAL This Period (last page this line number only).....

Use separate schedule(s)

FOR LINE NUMBER:				PAGE 1468 OF				1032	
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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Vavonese, Andrea, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508802 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Corp Dir Division Counsel Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Vavonese, Andrea, T, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2512558 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp Dir Division Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 884.58 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Vembar, Gopal, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510145 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 96.92 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Vembar, Gopal, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513558 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Venson, Brian, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510821 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 423.06 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Venson, Brian, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513663 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 442.29 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional).....

FOR LINE NUMBER: PAGE 1470 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

1632

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Verock, Matthew, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508743 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 2200.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Verock, Matthew, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514479 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2300.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Verwiel, Daniel, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2510482 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General 2115.30 Other (specify) 296.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 1471 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

1632

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Verwiel, Daniel, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514925 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and General Manager Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2211.45 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Vetere, Robert, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID : A2017-2510847 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr EEO and Diversity Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 660.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Vetere, Robert, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514352 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr EEO and Diversity Receipt For: Aggregate Year-to-Date ▼ Primary General 690.00 Other (specify) 156.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 1472 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Vetere, Susan, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511459 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Supply Chain Planning Anlyst Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Vetere, Susan, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515645 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Supply Chain Planning Anlyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Vieten, Thomas, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509018 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1473 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Vill, Marc, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510932 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Matl Process Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 847.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Vill, Marc, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515076 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Matl Process Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 885.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Vinson, Jeffrey, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511432 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 117.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1474 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Vinson, Jeffrey, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515619 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Vlastnik, John, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511523 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Traffic Administration Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Vlastnik, John, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515813 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Traffic Administration Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1475 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Vlietstra, Joseph, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511688 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Software** Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Vlietstra, Joseph, P, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515996 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Software** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Voigt, Robert, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2511827 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1476 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

1632

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Voigt, Robert, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516355 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 840.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Volk, Charles, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511779 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Technology Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2200.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Volk, Charles, H., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516068 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 2300.00 Other (specify) 240.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1477 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Vollmer, David, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510825 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Production Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Vollmer, David, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2514810 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Production Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 575.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Voorhees, Arthur, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2512218 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Embedded Software Receipt For: Aggregate Year-to-Date ▼ Primary General 846.34 Other (specify) 88.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1478 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Voorhees, Arthur, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515759 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Embedded Software** Receipt For: Aggregate Year-to-Date ▼ Primary General 884.81 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Votta, Guy, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509304 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP ES Operations and Int'I Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 2115.30 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Votta, Guy, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513259 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP ES Operations and Int'I Receipt For: Aggregate Year-to-Date ▼ Primary General 2211.45 Other (specify) 230.77 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1479 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Vrzak, Susan, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510698 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Vrzak, Susan, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512695 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 442.29 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Waagbo, Stephen, F., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2512391 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 48.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

SCHEDULE A (FEC Form 3X)

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Waagbo, Stephen, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516100 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wachel, Joseph, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512284 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineering Design** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Wachel, Joseph, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515781 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineering Design** Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 30.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wackerman, Damian, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508514 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wackerman, Damian, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513440 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Wada, John, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2508610 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 21.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 462.00 Other (specify) 101.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wade, Desma, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510436 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 130.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Human Resources and Admin Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2860.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wade, Desma, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514025 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 130.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Human Resources and Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 2990.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Wade, Pamela, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509344 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) 298.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wade, Pamela, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513717 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wade, Rex, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509518 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Electronics** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Wade, Rex, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2514256 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Electronics** Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wagner, Anne, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511860 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1100.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wagner, Anne, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516388 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1150.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Wagner, John, H, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2512417 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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FOR LINE NUMBER: PAGE 1487 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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1632

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1632

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1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wallize, Courtney, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513672 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Compliance and Ethics Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Walraven, James, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID: A2017-2509908 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 847.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Walraven, James, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514678 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 885.50 Other (specify) 115.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Walsh, John, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510812 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Architect** Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Walsh, John, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513653 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems Architect** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 575.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Walsmith, Jennifer, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511795 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 692.46 Other (specify) 88.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Walsmith, Jennifer, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516323 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 730.93 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wang, Ge, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510371 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Wang, Ge, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2514774 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 58.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1497 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ward, Datril, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510133 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1053.60 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Ward, Datril, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513546 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1093.60 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Ward, Jan, T, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509278 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: **PAGE 1498 OF** Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ward, Jan, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512827 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Ward, Tammy, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511125 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Software Config Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Ward, Tammy, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513618 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Software Config Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Mailing Address 2980 Fairview Park Drive			11 03 2017
City	State	Zip Code	Transaction ID : A2017-2508738
Falls Church	VA	22042	Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C		10.00
Name of Employer (for Individual)	Occupa	tion (for Individual)	Memo Item
Northrop Grumman Corporation	Engine	er Logistics	
Receipt For: Primary General Other (specify)	Aggregate Ye	ar-to-Date ▼ 220.00	
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FOR LINE NUMBER: PAGE 1500 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wargo, David, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514474 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Logistics** Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Waring, Kenneth, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID: A2017-2511103 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Waring, Kenneth, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513213 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 30.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Watkins, Scotty, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514414 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 2300.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Watson, Dennis, G., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510141 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Watson, Dennis, G, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513554 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 140.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Way, Stephen, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508673 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Way, Stephen, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513037 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 884.58 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Wears, Thomas, G, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2512057 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) 115.38 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Webster, John, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509188 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Webster, John, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513311 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Wee, Michael, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510304 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Cyber Systems Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) 65.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: **PAGE 1506 OF** 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wee, Michael, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513486 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Cyber Systems Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Weede, John, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2510517 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 846.12 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Weede, John, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515105 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) 101.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1507 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Weems, Mike, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511910 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Weems, Mike, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2516209 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Wegerbauer, Cynthia, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509523 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Dir Communications** Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 40.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wegerbauer, Cynthia, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514261 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Weidenheimer, Randall, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID: A2017-2510323 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 846.12 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Weidenheimer, Randall, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513505 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) 96.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Weidler, Constance, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509160 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1650.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Weidler, Constance, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512593 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1725.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Weiler, Carl, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511577 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 789.20 Other (specify) 188.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Weiler, Carl, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515887 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 827.66 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Weinberger, Joshua, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID: A2017-2511969 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Weinberger, Joshua, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516267 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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PAGE 1511 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Weir, Richard, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509652 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Weir, Richard, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514211 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Weitzel, James, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2508552 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp Dir Division Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General 660.00 Other (specify) 50.00 SUBTOTAL of Receipts This Page (optional).....

7

FOR LINE NUMBER: PAGE 1512 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Weitzel, James, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512602 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Corp Dir Division Counsel Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 690.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Weldele, Jeffrey, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509866 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1100.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Weldele, Jeffrey, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512916 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) 130.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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PAGE 1513 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Weldon, Teresa, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509469 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Weldon, Teresa, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514906 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Welge, Brian, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509506 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

7

FOR LINE NUMBER: PAGE 1514 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 1515 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Welker, Christopher, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509962 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Welker, Christopher, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514939 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Weller, Daniel, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2512180 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Procurement Receipt For: Aggregate Year-to-Date ▼ Primary General 807.66 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ____

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FOR LINE NUMBER: PAGE 1518 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wentzel, Carol, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515475 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Cyber Systems Engrng Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Werle, Ronny, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511053 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Werle, Ronny, H, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513162 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 65.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ____

FOR LINE NUMBER: PAGE 1519 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wessels, Jeff, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508955 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 27.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 594.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wessels, Jeff, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512633 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 27.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 621.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** West, Gregory, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2512146 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) 92.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1520 OF 1632 Use separate schedule(s) for each category of the Detailed Summary Page

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NAME OF COMMITTEE (In Full) Employees of Northrop	Grumman Corporation PAC	
Full Name of Individual (Last, First West, Gregory, E, , Mailing Address 2980 Fairview Pa	t, Middle Initial) or Full Organization Name	Date of Receipt
City Falls Church FEC ID number of contributing federal political committee.	State Zip Code 22042	Transaction ID : A2017-2515424 Amount of Each Receipt this Period 38.46
Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify) ▼	Occupation (for Individual) Chief Engineer Aggregate Year-to-Date 884.5	Memo Item
Full Name of Individual (Last, First West, James, L, , Mailing Address 2980 Fairview Pa City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)	State Zip Code VA 22042	Date of Receipt 11 03 2017 Transaction ID: A2017-2510620 Amount of Each Receipt this Period 20.00 Memo Item
Full Name of Individual (Last, First West, James, L, , Mailing Address 2980 Fairview Pa City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)	State Zip Code 22042	Date of Receipt 11 17 2017 Transaction ID: A2017-2513821 Amount of Each Receipt this Period 20.00 Memo Item
SUBTOTAL of Receipts This Page	(optional)	78.46
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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Westerman, James, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515492 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 884.58 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Westlake, lan, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511277 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Manufacturing** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Westlake, Ian, E, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514088 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Manufacturing** Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Westling, Laurie, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512359 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Westling, Laurie, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2515408 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 807.66 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Whelan, Martin, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2508886 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 116.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1524 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Whelan, Martin, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513940 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** White, Brandon, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512138 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 790.34 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** White, Brandon, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515664 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 828.80 Other (specify) 116.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name White, Keri,,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510408 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** White, Keri, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513997 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** White, Michael, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2511574 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1320.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name White, Michael, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515884 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1380.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. White, Patricia, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510623 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** White, Patricia, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513824 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 140.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name White, Susan, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510434 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. White, Susan, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2514023 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 442.29 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Whiter, Philip, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID : A2017-2509760 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Procurement Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Whiter, Philip, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512822 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Procurement Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Whitson, John, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509816 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 21.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineering Fellow** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 462.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Whitson, John, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514031 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 21.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineering Fellow** Receipt For: Aggregate Year-to-Date ▼ Primary General 483.00 Other (specify) 62.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 1529 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

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FOR LINE NUMBER: PAGE 1531 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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Other (specify)

SCHEDULE A (FEC Form 3X) ITEMIZED RECEIPTS

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FOR LINE NUMBER: PAGE 1534 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Williams, Derryl, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508629 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Subcontracts Administrator Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Williams, Derryl, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514852 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Subcontracts Administrator Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Williams, Graciela, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509509 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) 45.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1536 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Williams, Graciela, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514247 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Software Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Williams, Kathleen, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID: A2017-2509021 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Process Improvement Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Williams, Kathleen, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513060 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Process Improvement Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 65.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1537 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Williams, Kathryn, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510450 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 429.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Williams, Kathryn, H, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514293 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 448.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Williams, Lawrence, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511573 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 79.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: **PAGE 1538 OF** 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Williams, Lawrence, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515883 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Williams, Mary, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509313 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Williams, Mary, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513268 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Williams, Matthew, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510936 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Administrative Services Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Williams, Matthew, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514421 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Administrative Services Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Williamson, Mark, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2508835 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: **PAGE 1540 OF** 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Williamson, Mark, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512591 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Williamson, Samuel, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508659 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Start Up Company Mgr Industrial Security Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Williamson, Samuel, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513024 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Start Up Company Mgr Industrial Security Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 50.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1541 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Williamson, Terry, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510445 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Williamson, Terry, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2514288 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Williamson, Whipple, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509219 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 846.34 Other (specify) 118.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: **PAGE 1542 OF** 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12 13 14 15 16

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FOR LINE NUMBER: PAGE 1543 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: **PAGE 1544 OF** 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 1545 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 1546 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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SCHEDULE A (FEC Form 3X)

FOR LINE NUMBER: PAGE 1547 OF 1632

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NAME OF COMMITTEE (In Full) Employees of Northrop Grumm	ıan Corpo	ration PAC							
Full Name of Individual (Last, First, Middle In Wilson, Dwight, L, ,	Date of Receipt								
Mailing Address 2980 Fairview Park Drive			11 03 2017						
City Falls Church	State VA	Zip Code 22042	Transaction ID : A2017-2508561 Amount of Each Receipt this Period						
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City Falls Church	State VA	Zip Code 22042	Transaction ID : A2017-2514547 Amount of Each Receipt this Period						
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Name of Employer (for Individual) Northrop Grumman Corporation		upation (for Individual) Business Management							
Receipt For: Primary General Other (specify) ▼	Aggregate	Year-to-Date ▼ 575.00]						
Full Name of Individual (Last, First, Middle In Wilson, Heather, T, ,	itial) or Full O	rganization Name	Date of Receipt						
Mailing Address 2980 Fairview Park Drive			11 03 / Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y						
City Falls Church	State VA	Zip Code 22042	Transaction ID : A2017-2510433 Amount of Each Receipt this Period						
FEC ID number of contributing federal political committee.	С		20.00						
Name of Employer (for Individual) Northrop Grumman Corporation Receipt For:	Dir H	upation (for Individual) Human Resources Year-to-Date ▼	Memo Item						
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FOR LINE NUMBER: **PAGE 1549 OF** Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 1550 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wilson, Kevin, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513710 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) EEO and Diversity Rep Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wilson, Michael, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508719 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Wilson, Michael, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515002 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 65.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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1632

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FOR LINE NUMBER: PAGE 1552 OF 1632

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FOR LINE NUMBER: PAGE 1553 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

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FOR LINE NUMBER: PAGE 1554 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Windgassen, James, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515753 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 966.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Winkler, Mark, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511545 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Winkler, Mark, G, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516177 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 122.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1555 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 1556 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Winship, Thomas Scott, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513292 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Strategic Planning Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Witherow, Todd, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511525 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 807.86 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Witherow, Todd, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515815 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 846.33 Other (specify) 126.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1557 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Witt, Kevin, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511086 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Facilities Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Witt, Kevin, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513195 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Facilities Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Wittlin, Mark, R, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511802 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: **PAGE 1558 OF** Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

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FOR LINE NUMBER: PAGE 1559 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 1560 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 1562 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16

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FOR LINE NUMBER: PAGE 1563 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 1564 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Woodward, Deborah, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513714 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Woolsey, Robert, O, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511933 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Org Effectiveness Rep Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Woolsey, Robert, O, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516232 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Org Effectiveness Rep Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1565 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Woolston, Craig, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510662 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2200.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Woolston, Craig, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512658 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2300.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Workman, Marc, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509473 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) 225.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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SCHEDULE A (FEC Form 3X) ITEMIZED RECEIPTS

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Full Name of Individual (Last, First, Middle In Woythal, Jeffrey, P, ,	Date of Receipt		
Mailing Address 2980 Fairview Park Drive	11 03 2017		
City	State	Zip Code	Transaction ID : A2017-2510702
Falls Church	VA	22042	Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C		20.00
Name of Employer (for Individual) Northrop Grumman Corporation		ation (for Individual) y Trainer	Memo Item
Receipt For: Primary General Other (specify) ▼	Aggregate Ye	ear-to-Date ▼ 440.00	

Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Woythal, Jeffrey, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2512699 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Military Trainer Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify)

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FOR LINE NUMBER: PAGE 1567 OF 1632

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Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wright, Eric, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511123 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Software Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Wright, Eric, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513616 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Wright, Scott, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2510583 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Facilities Rep Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional).....

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I \	NAME OF COMMITTEE (In Full) Employees of Northrop Grumma	n Corpora	ation PAC					
Α	Full Name of Individual (Last, First, Middle Initial Wright, Scott, , ,	Date of Receipt						
_	Mailing Address 2980 Fairview Park Drive	11 17 2017 Transaction ID : A2017-2513784						
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В	Full Name of Individual (Last, First, Middle Initia Wright Henley, Debora, J, , Mailing Address 2980 Fairview Park Drive	ll) or Full Org	ganization Name	Date of Receipt				
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2017-2509699 Amount of Each Receipt this Period				
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1	Name of Employer (for Individual) Northrop Grumman Corporation		pation (for Individual) HR Information Systems	Memo Item				
ŀ	Receipt For: Primary General Other (specify) ▼	ear-to-Date ▼ 429.00						
	Full Name of Individual (Last, First, Middle Initia Wright Henley, Debora, J, ,	ll) or Full Org	ganization Name	Date of Receipt				
_	Mailing Address 2980 Fairview Park Drive	State	Zip Code	11 17 2017 Transaction ID : A2017-2514110				
	Falls Church	VA	22042	Amount of Each Receipt this Period				
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1	Name of Employer (for Individual) Northrop Grumman Corporation Receipt For:		pation (for Individual) R Information Systems	Memo Item				
r	Primary General Other (specify)	Primary General Aggregate Teal-to-Date V						
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wroth, Mark, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512110 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 1100.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wroth, Mark, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515388 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1150.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Wyhowanec, Paul, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509723 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Mechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 140.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wyhowanec, Paul, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514134 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Mechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wyscarver, Deborah, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID : A2017-2510492 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr HR Business Partner Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 423.06 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Wyscarver, Deborah, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515080 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr HR Business Partner Receipt For: Aggregate Year-to-Date ▼ Primary General 442.29 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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FOR LINE NUMBER: PAGE 1571 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Yackel, David, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508956 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Yackel, David, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512634 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Yamada, Chris, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2510545 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 2200.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional).....

FOR LINE NUMBER: PAGE 1572 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c

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\rangle	NAME OF COMMITTEE (In Full) Employees of Northrop Grumman	n Corpora	atio	on PAC												
١.	Full Name of Individual (Last, First, Middle Initial Yamada, Chris, L, ,		Date of Receipt													
	Mailing Address 2980 Fairview Park Drive			м = м 11	′	17	/ Y	2017	Y							
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	Other (specify) ▼			7	2300.00											
3.	Full Name of Individual (Last, First, Middle Initial, Yasui, Kevin, M, ,) or Full Org	ganiz	zation Name		-	Date of	Rec	ceipt							
	Mailing Address 2980 Fairview Park Drive					† i	M - M	/	D D	/ Y	2017	Υ				
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	federal political committee.	<u> </u>	_]				7	∠∪.∪	9				
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).	Full Name of Individual (Last, First, Middle Initial Yasui, Kevin, M , ,) or Full Oro	ganiz	zation Name			Date of	Rec	ceipt							
	Mailing Address 2980 Fairview Park Drive						м = м 11	′	17	IL	2017	Y				
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	Name of Employer (for Individual)		Date of Part	∍mo	Item											
	Northrop Grumman Corporation	Occupation (for Individual) VP Program Management Aggregate Year-to-Date ▼ 2300.00 al) or Full Organization Name State Zip Code VA Z2042 C Occupation (for Individual) NG Fellow Aggregate Year-to-Date ▼ 440.00 State Zip Code VA Z2042 C Occupation Name	_													
	Receipt For: Primary General	Aggregate Y	Year-	-to-Date ▼												
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1632

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FOR LINE NUMBER: PAGE 1574 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FOR LINE NUMBER: PAGE 1575 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Yeiser, Andrea, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515970 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2300.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Yoo, Kyung, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2511317 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Yoo, Kyung, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2516082 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 140.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 1577 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Yost, Jeffrey, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509948 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 847.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Yost, Jeffrey, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2514376 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 885.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Young, David, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510283 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Government Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 2115.30 Other (specify) 173.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: PAGE 1578 OF 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Young, David, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515263 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Government Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2211.45 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Young, Douglas, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 11 City State Zip Code Transaction ID: A2017-2508957 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1100.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Young, Douglas, H., Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2512635 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) 196.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1579 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Young, Elizabeth, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511999 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Young, Elizabeth, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 17 2017 City State Zip Code Transaction ID: A2017-2516297 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Young, Gregory, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID: A2017-2509097 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 192.30 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 4230.60 Other (specify) 232.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1580 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Young, Gregory, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514056 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 192.30 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 4422.90 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Yu, Jeffrey, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2510432 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Technology Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Yu, Jeffrey, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514021 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 272.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

SCHEDULE A (FEC Form 3X)

FOR LINE NUMBER: PAGE 1581 OF 1632

TEMIZED RECEIPTS		Use separate schedule(s) for each category of the Detailed Summary Page	(check only one) X 11a 11b 11c 12
Any information copied from such Reports and or for commercial purposes, other than using t			person for the purpose of soliciting contributions see to solicit contributions from such committee.
NAME OF COMMITTEE (In Full) Employees of Northrop Grumr		•	
Full Name of Individual (Last, First, Middle Yuknus, Albert, A, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General	State VA C	Zip Code 22042 upation (for Individual) Programs Year-to-Date ▼	Date of Receipt 11 03 2017 Transaction ID: A2017-2511291 Amount of Each Receipt this Period 19.23 Memo Item
Other (specify) ▼	leitiel) en Fell C	423.06	
Full Name of Individual (Last, First, Middle Yuknus, Albert, A, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)	State VA C	Zip Code 22042 Eupation (for Individual) Programs Year-to-Date 442.29	Date of Receipt 11 17 2017 Transaction ID: A2017-2515834 Amount of Each Receipt this Period 19.23 Memo Item
Full Name of Individual (Last, First, Middle Zabalaoui, David, L, , Mailing Address 2980 Fairview Park Drive City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify)	State VA C	Zip Code 22042 upation (for Individual) Business Development Year-to-Date ▼ 880.00	Date of Receipt 11 03 2017 Transaction ID : A2017-2509474 Amount of Each Receipt this Period 40.00 Memo Item
SUBTOTAL of Receipts This Page (optional).			78.46
TOTAL This Period (last page this line number	oriny)		

FOR LINE NUMBER: **PAGE 1582 OF** Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Zabalaoui, David, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512841 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Zadel, Scott, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511995 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 858.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Zadel, Scott, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516293 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 897.00 Other (specify) 118.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1583 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Zarzana, Charles, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508498 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 12.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Electronics Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 264.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Zarzana, Charles, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513425 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 12.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 276.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Zayac, Michael, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID : A2017-2512170 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Embedded Sftwre Eng Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 44.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: **PAGE 1584 OF** 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Zayac, Michael, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2515448 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Embedded Sftwre Eng Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Zeiler, Kimberly, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2511276 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Security Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 220.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Zeiler, Kimberly, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514087 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Security Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) 40.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1585 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c

1632

for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Zeiller, Thomas, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509103 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Systems Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Zeiller, Thomas, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2514062 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Zeiser, Robert, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2508516 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Business Development Rep** Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

FOR LINE NUMBER: **PAGE 1586 OF** 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Zeiser, Robert, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2513442 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Business Development Rep** Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Zelezny, Thomas, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2509826 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Mechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Zelezny, Thomas, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2514041 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Mechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 50.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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PAGE 1587 OF 1632 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Zell, Gregory, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510899 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Zell, Gregory, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515043 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Zell, Steve, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2510716 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 550.00 Other (specify) 65.00 SUBTOTAL of Receipts This Page (optional).....

FOR LINE NUMBER: **PAGE 1588 OF** 1632 Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

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FOR LINE NUMBER: PAGE 1589 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Zenko, Lee, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2510890 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Finance Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1100.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Zenko, Lee, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2515034 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Finance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1150.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Zerbe, Jeffrey, N., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City State Zip Code Transaction ID : A2017-2512030 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 846.12 Other (specify) 138.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1590 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

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FEC ID number of contributing

federal political committee.

SCHEDULE A (FEC Form 3X) FOR LINE NUMBER: PAGE 1591 OF 1632 Use separate schedule(s) (check only one) ITEMIZED RECEIPTS for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Zervos, Mike, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508739 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Mechanical Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Zervos, Mike, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2514475 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mechanical Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 460.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Zhao, Raymond, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2511703 VAFalls Church 22042 Amount of Each Receipt this Period

Name of Employer (for Individual) Northrop Grumman Corporation		pation (for Individu	al)	N	/lemo	o Ite	m						
Receipt For: Primary General Other (specify)	Aggregate	Year-to-Date ▼	220.00										
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Use separate schedule(s) for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Zhao, Raymond, D, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2516010 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Mechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General 230.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Zigomalas, Andreas, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508687 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Aeronautical** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Zigomalas, Andreas, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512804 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Aeronautical** Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 50.00 SUBTOTAL of Receipts This Page (optional).....

FOR LINE NUMBER: PAGE 1593 OF 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Zimmerman, Alan, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2511967 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 2200.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Zimmerman, Alan, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID : A2017-2516265 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2300.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Zmarzlak, Robert, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2508959 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 880.00 Other (specify) 240.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: **PAGE 1594 OF** 1632 Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Zmarzlak, Robert, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512637 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Zobair, Talha, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2508776 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Tax** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Zobair, Talha, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512531 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP** Tax Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1595 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Zorn, Thomas, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2508650 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 24.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 528.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Zorn, Thomas, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City State Zip Code Transaction ID: A2017-2513014 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 24.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 552.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Zoubek, Stanley, F, Date of Receipt Mailing Address 2980 Fairview Park Drive 03 2017 City Zip Code State Transaction ID: A2017-2509014 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1100.00 Other (specify) 98.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1596 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

1632

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Zoubek, Stanley, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512775 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1150.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Zwernemann, Melanie, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2509537 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Zwernemann, Melanie, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 2017 City Zip Code State Transaction ID: A2017-2512859 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 920.00 Other (specify) 130.00 SUBTOTAL of Receipts This Page (optional)..... 161892.79 TOTAL This Period (last page this line number only).....

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	CHEDULE A (FEC Form 3X)		Use separate schedule(s)	FOR LINE NUMBER: PAGE 1597 OF 1633 (check only one)				
IT	EMIZED RECEIPTS		for each category of the					
			Detailed Summary Page	11a 11b 11c 12 13 14 15 x 16 17				
	ny information copied from such Reports and State for commercial purposes, other than using the			erson for the purpose of soliciting contributions				
	NAME OF COMMITTEE (In Full)							
	Employees of Northrop Grumma	n Corpo	oration PAC					
Α.	Full Name of Individual (Last, First, Middle Initia Bob Corker For Senate 2018 Inc.	al) or Full C	Organization Name	Date of Receipt				
	Mailing Address 4515 Harding Pike Ste 110			11 08 2017				
	City	State	Zip Code	Transaction ID : A2017-16055				
	Nashville	TN	37205-4001	Amount of Each Receipt this Period				
	FEC ID number of contributing federal political committee.	C co	0430462	5000.00				
	Name of Employer (for Individual)	Occ	cupation (for Individual)	Memo Item				
	Traine or Employer (i.e. marriadar)		vapanon (ioi marriada)	Refund of contribution made to the 2018 Genera				
	Receipt For: 2018	Aggregate	Year-to-Date ▼	Election on 4/19/2017.				
	Primary X General	Aggregate	Teal to Bate V	1				
	Other (specify) ▼	1	5000.00					
_			7 7	*				
_	Full Name of Individual (Last, First, Middle Initia	al) or Full C	Organization Name					
В.				Date of Receipt				
	Mailing Address			M = M / D = D / Y = Y = Y				
	City	State	Zip Code					
		Otato	2.5 0000	Amount of Each Receipt this Period				
	FEC ID number of contributing							
	federal political committee.			45 45 45 45 45				
				Memo Item				
	Name of Employer (for Individual)	Occ	cupation (for Individual)	Memo item				
	Receipt For:	Aggregate	Year-to-Date ▼	_				
	Primary General	199.194.11		1				
	Other (specify) ▼		<u> </u>					
_								
C.	Full Name of Individual (Last, First, Middle Initia	al) or Full C	Organization Name	Date of Receipt				
٥.	Mailing Address			M M / D D / Y Y Y Y				
	City	State	Zip Code	Amount of Each Receipt this Period				
	FEC ID number of contributing							
	federal political committee.	C						
				Memo Item				
	Name of Employer (for Individual)	Occ	cupation (for Individual)	Wellio item				
	Receipt For:	Aggragata	Voor to Data	\dashv				
	Primary General	Aggregate	Year-to-Date ▼	4				
	Other (specify)	' '						
			4-14-14-1	*				
S	UBTOTAL of Receipts This Page (optional)			5000.00				

TOTAL This Period (last page this line number only).....

5000.00

SCHEDULE B (FEC Form 3X) TEMIZED DISBURSEMENTS	Use separate schedule(s)	FOR LINE N	
	for each category of the Detailed Summary Page	21b 28a	22 X 23 26 27 28b 28c 29 30b
Any information copied from such Reports and Statem or for commercial purposes, other than using the nam			
NAME OF COMMITTEE (In Full) Employees of Northrop Grumman C	•		
Full Name (Last, First, Middle Initial) - Brenda Lawrence for Congress			Date of Disbursement
Mailing Address 499 S. Capitol Street SW Suite 422			11 03 Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y
Washington	State Zip Code DC 20003		FEC Identification Number
Purpose of Disbursement Contribution Candidate Name		011	C C00552588 Transaction ID : B668862
Lawrence, Brenda, , ,		Category/ Type	Amount of Each Disbursement this Period
Senate	nent For: 2018 Primary General Other (specify)		1000.00
State: MI District: 14			Memo Item
Full Name (Last, First, Middle Initial) Bridge PAC Mailing Address 488 8 at 1.0 in 188 8 in 188			Date of Disbursement
Mailing Address 499 South Capitol St SW Suite 422			11 03 2017
,	State Zip Code DC 20003		FEC Identification Number
Purpose of Disbursement Contribution		011	C C00399196 Transaction ID : B668858
Candidate Name		Category/ Type	Amount of Each Disbursement this Period
Senate	nent For: 2017 Primary General		5000.00
State: District:	Other (specify) Not Applicable		Memo Item
Full Name (Last, First, Middle Initial) BYRNE PAC			Date of Disbursement
Mailing Address 499 S. Capitol Street SW Suite 420			11 03 2017
•	State Zip Code DC 20003	044	FEC Identification Number C C00559633
Candidate Name		O11 Category/ Type	Transaction ID: B668857 Amount of Each Disbursement this Period
Senate President	nent For: 2017 Primary General Other (specify)	.,,,,	2500.00 Memo Item
State: District:	Not Applicable		<u> </u>
SUBTOTAL of Disbursements This Page (optional)		·····•	8500.00

SCHEDULE B (FEC Form 3X)	Llea caparata cabadula(FOR LINE		PAGE 1599 OF 1632
ITEMIZED DISBURSEMENTS	Use separate schedule(for each category of the		v one) 22 🗶 23	26 27
	Detailed Summary Page	28a	28b 28c	29 30b
Any information copied from such Reports and Statem	nents may not be sold or	used by any person	on for the purpose of sc	Diciting contributions
or for commercial purposes, other than using the name	ne and address of any pol	itical committee to	solicit contributions from	n such committee.
NAME OF COMMITTEE (In Full) Employees of Northrop Grumman (Corporation PAC			
Full Name (Last, First, Middle Initial)				
A. Eye of the Tiger PAC			Date of Disbursemen	
Mailing Address 317 15th Street NE			11 03	2017
Washington	State Zip Code 20002		FEC Identification Nu	ımber
Purpose of Disbursement Contribution		011	C C00467431	
Candidate Name		Category/ Type	Transaction ID: Amount of Each Disb	B668819 oursement this Period
	ment For: 2017 Primary General	1		5000.00
President State: District:	Other (specify) ▼ Not Applica	ble	Memo Item	
Full Name (Last, First, Middle Initial)	•			
B. Friends of Dave Joyce			Date of Disbursemen	nt / Y Y Y Y Y Y
Mailing Address 217 Third St SE			11 03	2017
,	State Zip Code DC 20003		FEC Identification Nu	ımber
Purpose of Disbursement	20003		C C00527457	
Contribution		011	Transaction ID :	B668866
Candidate Name Joyce, David, P, ,		Category/	Amount of Each Disb	oursement this Period
	nent For: 2018	Туре		1000.00
	Primary General			4 4
President State: OH District: 14	Other (specify)		Memo Item	
Full Name (Last, First, Middle Initial)			Data of Bishamana	
^{C.} Friends of Raja for Congress			Date of Disbursemen	/
Mailing Address PO Box 15096			11 03	2017
,	State Zip Code		FEC Identification Nu	ımber
Washington Purpose of Disbursement	DC 20003		C C00575092	
Contribution		011	Transaction ID :	R668815
Candidate Name		Category/		oursement this Period
Krishnamoorthi, S. Raja, , , Office Sought: House Disbursen	ment For: 2018	Туре		1000.00
	Primary General			1000.00
	Other (specify) ▼		Memo Item	
State: IL District: 08				
SUBTOTAL of Disbursements This Page (optional)		·····		7000.00
TOTAL This Period (last page this line number only).				

SCHEDULE B (FEC Form 3X)		FOR LINE NUMBER: PAGE	1600 OF 1632
ITEMIZED DISBURSEMENTS	Use separate schedule(s) for each category of the	(check only one)	
	Detailed Summary Page	21b 22 x 23 26 28 28b 28c 29	27 30b
Any information copied from such Reports and State or for commercial purposes, other than using the na			
NAME OF COMMITTEE (In Full)	and the second s		
Employees of Northrop Grummar	Corporation PAC		
Full Name (Last, First, Middle Initial)			
A. Fund for The Majority		Date of Disbursement	
Mailing Address 660 Pennsylvania Ave. SE Suite	201		017
City Washington	State Zip Code DC 20003	FEC Identification Number	
Purpose of Disbursement	20003	C C00433219	_
Contribution		011	
Candidate Name		Category/ Amount of Each Disbursement	
		Type	
	ement For: 2017		2500.00
Senate	Primary General		
State: District:	Other (specify) ▼ Not Applicable	Memo Item	
Full Name (Last, First, Middle Initial)	Trot / tppiloable		
B. Gallego for Arizona		Date of Disbursement	
Canego for Anzona		M M / D D / Y Y	YY
Mailing Address 219 Pennsylvania Avenue SE 3r	d Fl.	11 03 2	017
City	State Zip Code	FEC Identification Number	
Washington Purpose of Disbursement	DC 20003		-
Contribution		O11 C C00558627	
Candidate Name	l	Transaction ID : B668863	thia Pariad
Gallego, Ruben, , ,		Category/ Amount of Each Disbursement Type	i illis Fellou
	ement For: 2018		2500.00
Senate			
President	Other (specify)	Memo Item	
State: AZ District: 07			
Full Name (Last, First, Middle Initial) C. Hawaii PAC		Date of Disbursement	
o. Hawaii PAC			YYY
Mailing Address 918 Pennsylvania Ave SE			017
City	State Zip Code	FEC Identification Number	
Washington	DC 20003	TEO Identification Number	-
Purpose of Disbursement Contribution	T I	C C00567693	
Candidate Name		O11 Transaction ID : B668823 Category/ Type Amount of Each Disbursement	
Office Sought: House Disburs	ement For: 2017		2500.00
Senate	Primary General	7	46
President	Other (specify) ▼	Memo Item	
State: District:	Not Applicable		
SUBTOTAL of Disbursements This Page (optional)		· · · · · · · · · · · · · · · · · · ·	7500.00
TOTAL This Period (last page this line number onl	y)		

SCHEDULE B (FEC Form 3X) ITEMIZED DISBURSEMENTS	Use separate schedule(s) for each category of the	FOR LINE (check only	
	Detailed Summary Page	28a	28b 28c 29 30b
Any information copied from such Reports and Statem or for commercial purposes, other than using the name			
NAME OF COMMITTEE (In Full) Employees of Northrop Grumman (•		The second secon
Full Name (Last, First, Middle Initial)			
A. Katko for Congress			Date of Disbursement
Mailing Address 104 Hume			11 03 2017
Alexandria	State Zip Code VA 22301		FEC Identification Number
Purpose of Disbursement Contribution		011	C C00556365
Candidate Name		Category/	Transaction ID: B668864 Amount of Each Disbursement this Period
Katko, John, , , Office Sought: House Disbursen	ment For: 2018	Туре	1000.00
Senate x	Primary General		_
President State: NY District: 24	Other (specify) ▼		Memo Item
Full Name (Last, First, Middle Initial)			
B. Loebsack for Congress			Date of Disbursement
Mailing Address 228 2nd Street SE			11 03 2017
,	State Zip Code		FEC Identification Number
Washington Purpose of Disbursement	DC 20003		C C00414318
Contribution		011	Transaction ID : B668860
Candidate Name Loebsack, Dave, , ,		Category/ Type	Amount of Each Disbursement this Period
Office Sought: House Disbursen	ment For: 2018	.,,,,	1000.00
	Primary General Other (specify)		
State: IA District: 02			Memo Item
Full Name (Last, First, Middle Initial)			Date of Disbursement
C. Make it in America PAC			Date of Disbursement
Mailing Address 1050 17th Street NW Ste 850			11 03 2017
,	State Zip Code		FEC Identification Number
Washington Purpose of Disbursement	DC 20036		C C00495705
Contribution Candidate Name		011 Category/	Transaction ID : B668856 Amount of Each Disbursement this Period
Office Sought: House	nent For: 0047	Type	2500.00
	ment For: 2017 Primary General		2500.00
	Other (specify) ▼ Not Applicable	le l	Memo Item
	.τοι πρρίιοαυ		
SUBTOTAL of Disbursements This Page (optional)		······	4500.00
TOTAL This Period (last page this line number only)	_ _		

SCHEDULE B (FEC Form 3X)	Use separate schedule(s)	FOR LINE		PAGE 1602 OF 1632
TEMIZED DISBURSEMENTS	for each category of the	(check only	one) 22 x 23	26 27
	Detailed Summary Page	28a	28b 28c	29 30b
Any information copied from such Reports and Statem or for commercial purposes, other than using the nam				
NAME OF COMMITTEE (In Full)	ie and address of any pointe	ai committee to	Solicit Continuations from	in such committee.
Employees of Northrop Grumman (Corporation PAC			
Full Name (Last, First, Middle Initial)	alam Oneta		Date of Disbursemer	nt.
A. Marc Veasey Congressional Camp	aign Cmte		Date of Disburseffier	/
Mailing Address 499 S. Capitol Street SW Suite 422			11 03	2017
,	State Zip Code DC 20003		FEC Identification Nu	umber
Washington Purpose of Disbursement	20003		C C00506832	
Contribution		011	Transaction ID :	R668865
Candidate Name		Category/		oursement this Period
Veasey, Marc, , , Office Sought: x House Disbursem	nent For: 2018	Туре		1000.00
	Primary General		7	4- 4-
President State: TX District: 33	Other (specify) ▼		Memo Item	
Full Name (Last, First, Middle Initial)				
B. New Pioneers PAC			Date of Disbursemer	nt
Mailing Address 213 Ashby Street			11 03	2017
,	State Zip Code		FEC Identification Nu	umber
Alexandria Purpose of Disbursement	VA 22305		C C00459123	
Contribution		011	Transaction ID :	R668822
Candidate Name		Category/ Type		oursement this Period
	nent For: 2017			1500.00
	Primary General Other (specify)			
State: District:	Not Applicable	e	Memo Item	
Full Name (Last, First, Middle Initial)				
C. Patriot Political Action Committee			Date of Disbursemer	
Mailing Address 516 N. Washington Street			11 03	2017
City	State Zip Code		FEC Identification Nu	umber
Alexandria Purpose of Disbursement	VA 22314			
Contribution		011	C C00522318 Transaction ID:	D000000
Candidate Name		Category/ Type		oursement this Period
Office Sought: House Disbursen	nent For: 2017			2500.00
	Primary General			
State: President District:	Other (specify) ▼ Not Applicable		Memo Item	

SUBTOTAL of Disbursements This Page (optional)		·····•		5000.00
TOTAL This Period (last page this line number only).				

SCHEDULE B (FEC Form 3X)	Llee concrete cohodule(e)	FOR LINE		PAGE 1603 OF 1632
TEMIZED DISBURSEMENTS	Use separate schedule(s) for each category of the	(check only	one) 22 x 23	26 27
	Detailed Summary Page	28a	28b 28c	29 30b
Any information copied from such Reports and Statem	nents may not be sold or us	ed by any perso	on for the purpose of so	Diciting contributions
or for commercial purposes, other than using the name				
NAME OF COMMITTEE (In Full) Employees of Northrop Grumman (Corporation PAC			
Full Name (Last, First, Middle Initial)				
A. Supporting House Problem Solvers	3		Date of Disbursemer	
Mailing Address 412 First Street SE Suite 100			11 03	2017
Washington	State Zip Code DC 20003		FEC Identification Nu	umber
Purpose of Disbursement Contribution		011	C C00563601	
Candidate Name		Category/	Transaction ID : Amount of Each Disk	: B668813 bursement this Period
	nent For: 2017 Primary General	Type	7	5000.00
	Other (specify) ▼ Not Applicable	2	Memo Item	
Full Name (Last, First, Middle Initial)	тчост приновых	,		
B. Walters for Congress			Date of Disbursemen	nt
Mailing Address PO Box 15239			11 03	2017
,	State Zip Code		FEC Identification Nu	umber
Washington Purpose of Disbursement	DC 20003		C C00546853	
Contribution		011	Transaction ID :	B668861
Candidate Name Walters, Mimi, , ,		Category/		bursement this Period
	nent For: 2018	Туре		5000.00
	Primary General		4	4
State: CA District: 45	Other (specify)		Memo Item	
Full Name (Last, First, Middle Initial)			Date of Disbursemer	ot.
C. Denny Heck for Congress			M M / D D	/ Y Y Y Y
Mailing Address PO Box 15096			11 10	2017
,	State Zip Code		FEC Identification Nu	umber
Washington Purpose of Disbursement	DC 20003		C C00472159	
Contribution		011	Transaction ID :	: B669045
Candidate Name		Category/		bursement this Period
Heck, Dennis, , , Office Sought: House Disburser	nent For: 2018	Туре		1000.00
	Primary General		45	4
	Other (specify) ▼		Memo Item	
SUBTOTAL of Disbursements This Page (optional)				11000.00
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TOTAL This Period (last page this line number only).			1	

SCHEDULE B (FEC Form 3X)		FOR LINE N	NUMBER: PAGE 1604 OF 1632
TEMIZED DISBURSEMENTS	Use separate schedule(s) for each category of the	(check only	
	Detailed Summary Page	21b	22 🗶 23 26 27
		28a	28b 28c 29 30b
Any information copied from such Reports and Statem or for commercial purposes, other than using the name			
NAME OF COMMITTEE (In Full)			
Employees of Northrop Grumman (Corporation PAC		
Full Name (Last, First, Middle Initial)			D (D:)
A. Double Eagle PAC			Date of Disbursement
Mailing Address PO Box 730			11 10 2017
City	State Zip Code		FEC Identification Number
	CA 95324		
Purpose of Disbursement Contribution		011	C C00652180
Candidate Name			Transaction ID : B669038
		Category/ Type	Amount of Each Disbursement this Period
Office Sought: House Disbursem	nent For: 2017	- 71	2500.00
	Primary General		
	Other (specify) ▼		Memo Item
State: District:	Not Applicable	•	
Full Name (Last, First, Middle Initial) B. Friends of Bennie Thompson			Date of Disbursement
Friends of Berline Thompson			M M / D D / Y Y Y Y
Mailing Address 413 New Jersey Avenue SE			11 10 2017
,	State Zip Code		FEC Identification Number
Washington Purpose of Disbursement	DC 20003		
Contribution		011	C C00279851
Candidate Name		Category/	Transaction ID: B669204 Amount of Each Disbursement this Period
Thompson, Bennie, G, ,		Type	Amount of Each Disbursement this Feriod
Office Sought: House Disbursem	nent For: 2018		5000.00
	Primary General		
President State: MS District: 02	Other (specify)		Memo Item
Full Name (Last, First, Middle Initial)			
C. Garret Graves for Congress			Date of Disbursement
			M M / D D / Y Y Y Y
Mailing Address 499 S. Capitol Street SW Suite 420			11 10 2017
,	State Zip Code		FEC Identification Number
Washington Purpose of Disbursement	DC 20003		
Contribution		011	C C00558486
Candidate Name		Category/	Transaction ID : B669349 Amount of Each Disbursement this Period
Graves, Garret, , ,		Type	7 tillednik eli Edelli Bleballednielik tille i elied
Office Sought: House Disbursem	nent For: 2018		2500.00
	Primary General		_
State: LA District: 06	Other (specify) ▼		Memo Item
CIACO. LA DIOLIOL. 00			
SUBTOTAL of Disbursements This Page (optional)		·····•	10000.00
TOTAL This Period (last page this line number only).			

SCHEDULE B (FEC Form 3X)	Use separate schedule(s)	I	FOR LINE NUMBER: PAGE 1605 (
ITEMIZED DISBURSEMENTS	for each category of the	(check only	one) 22 x 23 26	27		
	Detailed Summary Page	28a	28b 28c 29			
Any information copied from such Reports and Statem						
or for commercial purposes, other than using the name	ne and address of any politi	cal committee to	solicit contributions from s	uch committee.		
NAME OF COMMITTEE (In Full) Employees of Northrop Grumman (Corporation PAC					
Full Name (Last, First, Middle Initial)			Data of Dishamanana			
A. Issa for Congress			Date of Disbursement	YYYY		
Mailing Address PO Box 368			11 10	2017		
,	State Zip Code VA 22040		FEC Identification Numb	er		
Falls Church Purpose of Disbursement	VA 22040		C C00350520			
Contribution		011	Transaction ID : B6	60347		
Candidate Name		Category/	Amount of Each Disburs			
Issa, Darrell, , , Office Sought: x House Disbursem	ment For: 2018	Туре		2500.00		
	Primary General		7 7	45		
State: CA District: 49	Other (specify) ▼		Memo Item			
Full Name (Last, First, Middle Initial)						
B. Susan Davis for Congress			Date of Disbursement	Y • Y • Y • Y		
Mailing Address 499 S. Capitol Street SW Suite 422	2		11 10	2017		
,	State Zip Code		FEC Identification Numb	er		
Washington Purpose of Disbursement	DC 20003		C C00344671			
Contribution		011	C C00344671	602.40		
Candidate Name		Category/	Amount of Each Disburs			
Davis, Susan, , , Office Sought: House Disbursem	nent Ferragas	Туре		2500.00		
	nent For: 2018 Primary General			2300.00		
	Other (specify)		Memo Item			
State: CA District: 53			Memo item			
Full Name (Last, First, Middle Initial)			Date of Disbursement			
C. A New Direction PAC			M M / D D /	Y		
Mailing Address 1010 Vermont Avenue NW Suite 81	14		11 14	2017		
,	State Zip Code		FEC Identification Numb	er		
Washington Purpose of Disbursement	DC 20005		C C00458570			
Contribution		011	C C00458570 Transaction ID : B6	60520		
Candidate Name		Category/ Type	Amount of Each Disburs			
Office Sought: House Disbursem	nent For: 2017			2500.00		
	Primary General					
State: President State: District:	Other (specify) ▼ Not Applicabl	e	Memo Item			
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NAME OF COMMITTEE (In Full) Employees of Northrop Grumman				
Full Name (Last, First, Middle Initial)				
- Citizens for John Rutherford				Date of Disbursement
Mailing Address 2308 Mount Vernon Avenue - #337	7			11 14 2017
Alexandria	State VA	Zip Code 22301		FEC Identification Number
Purpose of Disbursement Contribution			011	C C00615294 Transaction ID : B669509
Candidate Name			Category/	Amount of Each Disbursement this Period
Rutherford, John, , , Office Sought: House Disburser Senate	ment For: 20	018 General	Type	2000.00
President State: FL District: 04	Other (speci	_ · ·		Memo Item
Full Name (Last, First, Middle Initial)				
Collins for Congress				Date of Disbursement
Mailing Address P.O. Box 1295				11 14 2017
City Gainesville	State GA	Zip Code 30503		FEC Identification Number
Purpose of Disbursement Contribution	<u>On</u>	30303	011	C C00502039
Candidate Name			Category/	Transaction ID : B669506 Amount of Each Disbursement this Period
Collins, Douglas, A,			Туре	
	ment For: 2	018 General		2000.00
President State: GA District: 09	Other (speci			Memo Item
Full Name (Last, First, Middle Initial) Continuing America's Strength and	Security	 / PAC		Date of Disbursement
Mailing Address 1006 Pendleton Street				11 14 2017
City Alexandria	State VA	Zip Code 22314		FEC Identification Number
AIEXADOUS		22314	011	C C00480228
Purpose of Disbursement Contribution				Transaction ID : B669511 Amount of Each Disbursement this Period
Purpose of Disbursement			Category/	Amount of Each Dispulsement this Fellou
Purpose of Disbursement Contribution Candidate Name Office Sought: House Disburser	ment For: 20		Type	2500.00
Purpose of Disbursement Contribution Candidate Name Office Sought: House Disburser Senate President x	ment For: 20 Primary Other (speci	General ify) ▼		
Purpose of Disbursement Contribution Candidate Name Office Sought: House Disburser Senate Provident	Primary	General		2500.00
Purpose of Disbursement Contribution Candidate Name Office Sought: House Disburser Senate President x	Primary Other (speci	General ify) ▼ Not Applicable	Type	2500.00

ITEMIZED DISBURSEMENTS	CHEDULE B (FEC Form 3X) Use separate schedule(s)			
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NAME OF COMMITTEE (In Full) Employees of Northrop Grumman (•	<u> </u>	The second secon	
Full Name (Last, First, Middle Initial) - HALPAC-Help America's Leaders F	PAC		Date of Disbursement	
Mailing Address 1217 Delafield Place NW			11 14 2017	
	State Zip Code DC 20011		FEC Identification Number	
Contribution Candidate Name		011 Category/	C C00376038 Transaction ID : B669519 Amount of Each Disbursement this Period	
Senate	nent For: 2017 Primary General	Туре	2500.00	
State: President District:	Other (specify) Not Applicab	le	Memo Item	
Full Name (Last, First, Middle Initial) Hoeven for Senate			Date of Disbursement	
Mailing Address PO Box 861			11 14 2017	
,				
Contribution Candidate Name		011 Category/	C C00473371 Transaction ID : B669505 Amount of Each Disbursement this Period	
x Senate x	Disbursement For: 2022 X Primary General Other (specify)		1500.00 Memo Item	
Full Name (Last, First, Middle Initial) - Husky PAC			Date of Disbursement	
Mailing Address 228 2nd Street SE			11 14 2017	
,	State Zip Code DC 20003	011	FEC Identification Number C C00464727 Transaction ID : B669516	
Candidate Name		Category/ Type	Amount of Each Disbursement this Period	
Senate	nent For: 2017 Primary General Other (specify) ▼ Not Applicab		5000.00 Memo Item	
SUBTOTAL of Disbursements This Page (optional)			9000.00	
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	CHEDULE B (FEC Form 3X)	Use sepai	rate schedule(s)	FOR LINE I	E 1608 OF 1632					
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	ny information copied from such Reports and Stater for commercial purposes, other than using the nan									
$\overline{\ \ }$	NAME OF COMMITTEE (In Full)									
/	Employees of Northrop Grumman	Corporat	ion PAC							
^	Full Name (Last, First, Middle Initial)				Data of	Diahuraan	nont.			
۸.	Jobs Opportunity and New Ideas P	AC			M M	Disbursem		Y Y Y		
	Mailing Address 2300 Clarendon Blvd. Suite 1306				11	14		2017		
	City	State	Zip Code		FEC Ide	ntification	Number			
	Arlington	VA	22201					-		
	Purpose of Disbursement Contribution			011	C	00566851				
	Candidate Name						D : B66951			
				Category/ Type	Amount	of Each D	isburseme	ent this Period		
	Office Sought: House Disburser	ment For: 2	 017	.,,,,,				3000.00		
	Senate	Primary	General		7 7					
	President	Other (spec			Men	no Item				
	State: District:		Not Applicable							
D	Full Name (Last, First, Middle Initial)				Doto of	Diahuraan	ont.			
٥.	Kathleen Rice for Congress					Date of Disbursement				
	Mailing Address 219 Pennsylvania Avenue SE 3rd	ailing Address 219 Pennsylvania Avenue SE 3rd Fl.						2017		
	City	State Zip Code			FEC Identification Number					
	Washington Purpose of Disbursement	DC	20003							
	Contribution			011	C C00555813					
	Candidate Name						D : B66950			
	Rice, Kathleen, , ,			Category/ Type	Amount of Each Disbursement this P					
		ment For: 2	018							
		Primary	General							
		Other (spec	ify)		Men	no Item				
	State: NY District: 04									
	Full Name (Last, First, Middle Initial)				Date of	Disbursem	nent			
Ο.	LOBO PAC				M M	/ D D		Y Y Y		
	Mailing Address 660 Pennsylvania Ave. SE Suite 20	01			11	14		2017		
	,	State DC	Zip Code 20003		FEC Ide	ntification	Number			
	Washington Purpose of Disbursement	DC	20003		C	00497073	2	-		
	Contribution			011			D : B6695	12		
	Candidate Name			Category/				ent this Period		
				Type				0500.00		
		ment For: 2				7	7	2500.00		
	Senate President	Primary Other (spec	General							
	State: District:	Strict (Spec	Not Applicable		Men	no Item				
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SCHEDULE B (FEC Form 3X)		FOR LINE NUMBER: PAGE 1609 OF 16
TEMIZED DISBURSEMENTS	Use separate schedule(s) for each category of the Detailed Summary Page	(check only one) 21b 22 x 23 26 27 28a 28b 28c 29 30b
		d by any person for the purpose of soliciting contributions committee to solicit contributions from such committee.
Employees of Northrop Grumman (Corporation PAC	
Full Name (Last, First, Middle Initial) A. M-PAC		Date of Disbursement
Mailing Address 712 35th Avenue		11 14 2017
Seattle	State Zip Code WA 98122	FEC Identification Number
Purpose of Disbursement Contribution Candidate Name	[O11 Category/ Category/ Category/ Category/ Category/ Amount of Each Disbursement this Period
	nent For: 2017 Primary General	Category/ Type Amount of Each Disbursement this Period 2500.00
	Other (specify) ▼ Not Applicable	Memo Item
Full Name (Last, First, Middle Initial) 3. NOVA PAC Mailing Address PO Box 30844	Date of Disbursement M M / D D / Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	
Bethesda	State Zip Code MD 20824	FEC Identification Number
Purpose of Disbursement Contribution Candidate Name		O11 Transaction ID : B669515 Amount of Each Disbursement this Period
	nent For: 2017	Type 5000.00
	Primary General Other (specify) Not Applicable	Memo Item
Full Name (Last, First, Middle Initial) People for Derek Kilmer		Date of Disbursement
Mailing Address 412 First Street SE Suite 100		11 14 2017
-	State Zip Code DC 20003	FEC Identification Number C C00514893
Candidate Name Kilmer, Derek, , ,		Category/ Type Transaction ID: B669605 Amount of Each Disbursement this Period
Senate	nent For: 2018 Primary	2500.00 Memo Item
SUBTOTAL of Disbursements This Page (optional)		10000.00
TOTAL This Period (last page this line number only).		

SCHEDULE B (FEC Form 3X)	Llaa aana	rata ashadula(a)	FOR LINE NUMBER: PAGE 16						
TEMIZED DISBURSEMENTS	for each of	rate schedule(s) category of the	(check only	26 27					
	Detailed S	Summary Page	28a	22 x 23 28c 28c	29 30b				
Any information copied from such Reports and Statem	nents may n	ot be sold or use	d by any perso	n for the purpose of	of soliciting contributions				
or for commercial purposes, other than using the name	e and addre	ess of any politica	al committee to	solicit contributions	from such committee.				
NAME OF COMMITTEE (In Full) Employees of Northrop Grumman (Corporat	tion PAC							
Full Name (Last, First, Middle Initial)				Data of Diahama					
A. Puget PAC				Date of Disburse					
Mailing Address PO Box 636				11 / 1					
,	State VA	Zip Code		FEC Identification	n Number				
Annandale Purpose of Disbursement	VA	22003		C C0055116	68				
Contribution			011		ID : B669513				
Candidate Name			Category/		Disbursement this Period				
Office Sought: House Disbursem	nent For: 2	017	Туре		5000.00				
	Primary	General		7	45				
	Other (spec	• • •		Memo Item					
State: District:		Not Applicable							
Full Name (Last, First, Middle Initial) 3. Salud Carbajal for Congress				Date of Disburse	ement				
				M = M / D =	D / Y Y Y Y Y				
Mailing Address 219 Pennsylvania Avenue SE				11 1	2017				
•	State DC	Zip Code 20003		FEC Identification	n Number				
Purpose of Disbursement		20003		C C00576041					
Contribution			011	Transaction ID : B669507 Amount of Each Disbursement this Period 1000.00					
Cardidate Name		'	Category/						
Carbajal, Salud, , , Office Sought: House Disbursem	nent For: 2	P018	Туре						
Senate x	Primary	General		7 7 7					
<u> </u>	Other (spec	ify)		Memo Item					
State: CA District: 24 Full Name (Last, First, Middle Initial)									
C. Texans for Lamar Smith				Date of Disburse	ement				
				M M / D					
Mailing Address PO Box 6155				11 1	4 2017				
City	State	Zip Code		FEC Identification	n Number				
San Antonio Purpose of Disbursement	TX	78209		C C0019716	60				
Contribution			011		ID : B667969				
Candidate Name			Category/		Disbursement this Period				
Smith, Lamar, S, , Office Sought: Y House Disbursem	nent For: 2	040	Туре		- 2500.00				
	Primary	General		4	Voided: Original check dated				
President	Other (spec				10/20/17				
State: TX District: 21									
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SCHEDULE B (FEC Form 3X)	Use separate schedu	FOR LINE		OF 1632				
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Any information copied from such Reports and Statem	nents may not be sold o							
or for commercial purposes, other than using the nam								
NAME OF COMMITTEE (In Full) Employees of Northrop Grumman (Corporation PAC							
Full Name (Last, First, Middle Initial) A. Valadao for Congress			Date of Disbursement					
			M M M / D D / Y Y Y Y	Υ				
Mailing Address 2308 Mount Vernon Avenue - #337	· 		11 14 2017					
City Alexandria	State Zip Code VA 22301		FEC Identification Number					
Purpose of Disbursement	22001		C C00499392					
Contribution Candidate Name		011	Transaction ID : B669510					
Valadao, David, , ,		Category/ Type	Amount of Each Disbursement this	Period				
	nent For: 2018	.,,,,,	1500.0	00				
	Primary Gene Other (specify) ▼	ral						
State: CA District: 21	Other (specify)		Memo Item					
Full Name (Last, First, Middle Initial)								
B. Wild and Wonderful PAC			Date of Disbursement	V				
Mailing Address 1006 Pendleton Street			11 14 2017					
,	State Zip Code VA 22314		FEC Identification Number					
Alexandria Purpose of Disbursement	VA 22314		C C00489336					
Contribution Candidate Name		011	Transaction ID : B669514					
Candidate Name		Category/ Type	Amount of Each Disbursement this Perio					
Office Sought: House Disbursen	nent For: 2017	71:						
	Other (specify) Gene	ral						
State: District:	Not Appl	licable	Memo Item					
Full Name (Last, First, Middle Initial)			D . (D)					
C. Bilirakis for Congress			Date of Disbursement					
Mailing Address 499 S. Capitol Street SW Suite 420)		11 21 2017					
,	State Zip Code		FEC Identification Number					
Washington Purpose of Disbursement	DC 20003		C C00408534					
Contribution	011	Transaction ID : B669921						
Candidate Name Bilirakis, Gus, , ,	Category/ Type	Amount of Each Disbursement this	Period					
	nent For: 2018	71.	5000.	00				
	Primary Gene Other (specify) ▼	ral						
State: FL District: 12	Caron (opcomy)		Memo Item					
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ITEMIZED DISBURSEMENTS	Use separate schedule(s) for each category of the Detailed Summary Page	(check only one) 21b 22 X 23 26 27 28a 28b 28c 29 30b					
or for commercial purposes, other than using the name		by any person for the purpose of soliciting contributions committee to solicit contributions from such committee.					
NAME OF COMMITTEE (In Full) Employees of Northrop Grumman (Corporation PAC						
Full Name (Last, First, Middle Initial) A. Bluegrass Committee		Date of Disbursement					
Mailing Address 220-1/2 E Street NE		11 21 2017					
Washington Purpose of Disbursement	State Zip Code DC 20002	FEC Identification Number C C00235655					
Contribution Candidate Name		O11 Transaction ID : B669912 Category/ Type Amount of Each Disbursement this Period					
Senate	nent For: 2017 Primary General Other (specify)	2500.00					
State: District:	Not Applicable	Memo Item					
Full Name (Last, First, Middle Initial) B. Culberson for Congress Mailing Address 213 Ashby Street		Date of Disbursement M M M / D D / Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y					
Alexandria	State Zip Code VA 22305	FEC Identification Number					
Purpose of Disbursement Contribution Candidate Name		011 Category/ Catego					
Culberson, John, , ,		Туре					
Senate	nent For: 2018 Primary x General Other (specify)	2500.00 Memo Item					
Full Name (Last, First, Middle Initial) Defend America PAC		Date of Disbursement					
Mailing Address 915 E Street NW Suite 613		11 21 2017					
	State Zip Code DC 20001	FEC Identification Number C C00325993					
Candidate Name		Transaction ID : B669913 Category/ Type Transaction ID : B669913 Amount of Each Disbursement this Period					
Senate	nent For: 2017 Primary General Other (specify) ▼ Not Applicable	5000.00 Memo Item					
SUBTOTAL of Disbursements This Page (optional)							
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IT	EMIZED DISBURSEMENTS		rate schedule(s) category of the	(Criccit Orlly Orle)									
			Summary Page			21b 28a	22 28b	X	23 28c		26 29	27 30b	
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	for commercial purposes, other than using the name												
\setminus	NAME OF COMMITTEE (In Full)												
	Employees of Northrop Grumman	Corporat	ion PAC										
<u></u>	Full Name (Last, First, Middle Initial)												
A.		6					Date of	of Di	sburse	mer	nt		
	Mail: Add O Contint Owner OW O its 400						M	/	D	_	/ Y	Y Y	Y
	Mailing Address 499 S. Capitol Street SW Suite 422	1					11	-	2			2017	
	City	State	Zip Code				FFC I	denti	fication	n Nı	ımber		
	Washington	DC	20003					-				-	
	Purpose of Disbursement Contribution			Г	011		C		037667				
	Candidate Name				atego	rv/					B6699 oursem	23 ent this	Period
	Ruppersberger, Dutch, , ,				Type	, y,	7 11110 01	0.	Lacin	Diok	30100111		
		nent For: 20								_	7	2500.0	00
		Primary Other (speci	∡ General ifv) ▼				п.,						
	State: MD District: 02	(0)	,, •				M	emo	Item				
	Full Name (Last, First, Middle Initial)												
В.	Empire PAC						Date of	of Di	sburse	mer	nt		
	Mailing Address PO Box 15033						M = N	/		D !1	/ Y	2017	Y
	Maining Address PO Box 13033								-			2017	
	•	State Zip Code				FEC I	denti	fication	n Nı	ımber			
	Washington Purpose of Disbursement	DC	20003	_			С	CO	047706	37			
	Contribution	011 Category/ Type ment For: 2017 Primary General Other (specify)				C C00477067 Transaction ID : B669916							
	Candidate Name				Amount of Each Disbursement this Period					Period			
	Office Sought: House Disbursen										2500.0	20	
									_	7	2000.		
	President x					Memo Item							
_	State: District:		Not Applicable	e			Ш "		110111				
_	Full Name (Last, First, Middle Initial)						Date (of Di	sburse	mar	nt		
Ο.	GOLD PAC						M = N	_	D			YY	V
	Mailing Address 412 First Street SE Suite 100						11		2	_	Ĺ	2017	
	City	State	Zip Code										
	Washington	DC	20003				FEC I	denti	fication	ı Nu	ımber		
	Purpose of Disbursement Contribution			Т	-	\neg	C	C0	045274	48			
	Candidate Name			L	011						B6699		.
				C	atego Type	ry/	Amoul	nt or	Eacn	DISC	oursem	ent this	Period
		nent For: 20							,		7	1500.	00
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SCHEDULE B (FEC Form 3X)		FOR LINE	NUMBER: PAGE 1614 OF 1632			
ITEMIZED DISBURSEMENTS	Use separate schedule(s) for each category of the	(check only	v one)			
	Detailed Summary Page	21b 28a	22 x 23 26 27 28b 28c 29 30b			
Any information copied from such Reports and State	ments may not be sold or us					
or for commercial purposes, other than using the na						
NAME OF COMMITTEE (In Full)	_					
Employees of Northrop Grumman	Corporation PAC					
Full Name (Last, First, Middle Initial)			B			
A. Granite Values PAC			Date of Disbursement			
Mailing Address 114 Lexington Drive			11 21 2017			
City	State Zip Code		FEC Identification Number			
Silver Spring Purpose of Disbursement	MD 20901		C C00629311			
Contribution		011	Transaction ID : B669917			
Candidate Name		Category/	Amount of Each Disbursement this Period			
Office Sought: House Disburse	ement For: 2017	Туре	5000.00			
Senate	Primary General		7 7 7			
President	Other (specify) ▼	_	Memo Item			
State: District:	Not Applicable	e				
Full Name (Last, First, Middle Initial) B. New Pioneers PAC			Date of Disbursement			
			M = M / D = D / Y = Y = Y			
Mailing Address 213 Ashby Street			11 21 2017			
City Alexandria	State Zip Code VA 22314		FEC Identification Number			
Purpose of Disbursement	22014		C C00459123			
Contribution		011	Transaction ID : B669914			
Candidate Name		Category/ Type	Amount of Each Disbursement this Period			
Office Sought: House Disburse	ement For: 2017	Турс	3500.00			
Senate	Primary General					
President State: District:	Other (specify) Not Applicable	e	Memo Item			
Full Name (Last, First, Middle Initial)	. tot / tppiloabi	-				
C. Prairie Political Action Committee			Date of Disbursement			
Mailing Address 200 East Jefferson Street			11 / D D / Y Y Y Y Y Y 1 Y 2017			
City	State Zip Code		FEC Identification Number			
Falls Church Purpose of Disbursement	VA 22046					
Contribution		011	C C00347195			
Candidate Name		Category/	Transaction ID : B669919 Amount of Each Disbursement this Period			
Office Sought: House Disburse	ement For: 2017	Туре	2500.00			
Senate	Primary General		7 7 7			
President	Other (specify) ▼		Memo Item			
State: District:	Not Applicable	9	_			
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ITEMIZED DISBURSEMENTS	Use separate schedule(s) for each category of the Detailed Summary Page	e 21h 22 V 23 26 27				
Any information copied from such Reports and Statem or for commercial purposes, other than using the name NAME OF COMMITTEE (In Full) Employees of Northrop Grumman (ne and address of any politic					
Full Name (Last, First, Middle Initial) A. Suozzi for Congress Mailing Address 410 First Street SE - Suite 310			Date of Disbursement M			
Washington Purpose of Disbursement Contribution Candidate Name Suozzi, Tom, ,, Office Sought:	State Zip Code 20003 nent For: 2018 Primary General Other (specify)	011 Category/ Type	FEC Identification Number C C00607200 Transaction ID : B669828 Amount of Each Disbursement this Period 2500.00 Memo Item			
Washington Purpose of Disbursement Contribution Candidate Name Suozzi, Tom, , , Office Sought:	State Zip Code 20003 nent For: 2018 Primary General Other (specify)	011 Category/ Type	Date of Disbursement M M M / D D / Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y			
State: NY District: 03 Full Name (Last, First, Middle Initial) C. The Liberty Fund Mailing Address PO Box 1614			Date of Disbursement 11 21 2017			
Ridgefield Purpose of Disbursement Contribution Candidate Name	State Zip Code WA 98642	011 Category/ Type	FEC Identification Number C C00521310 Transaction ID : B669915 Amount of Each Disbursement this Period			
Senate	nent For: 2017 Primary General Other (specify) ▼ Not Applicabl	e	5000.00 Memo Item			
SUBTOTAL of Disbursements This Page (optional) TOTAL This Period (last page this line number only).			8000.00			

SCHEDULE B (FEC Form 3X)		FOR LINE NUMBER: PAGE 1616 O					
ITEMIZED DISBURSEMENTS	Use separate schedule(s) for each category of the	(check only					
	Detailed Summary Page	21b	22 🗶 23 26 27				
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NAME OF COMMITTEE (In Full)							
Employees of Northrop Grumman (Corporation PAC						
Full Name (Last, First, Middle Initial)			Data of Dishamanan				
A. Tim Ryan for Congress			Date of Disbursement				
Mailing Address PO Box 75214			11 21 2017				
City Washington	State Zip Code DC 20013		FEC Identification Number				
Purpose of Disbursement	20013		C C00373464				
Contribution		011					
Candidate Name		Category/	Transaction ID : B669920 Amount of Each Disbursement this Period				
Ryan, Tim, , ,		Туре					
	nent For: 2018		2500.00				
	Primary x General Other (specify) ▼		п				
State: OH District: 13	() , , , , , , , , , , , , , , , , , ,		Memo Item				
Full Name (Last, First, Middle Initial)							
B. Al Lawson for Congress			Date of Disbursement				
Mailing Address 718 7th Street NW			11 30 2017				
Walling Address 7187th Street NVV			2017				
,	State Zip Code DC 20001		FEC Identification Number C C00460261 Transaction ID : B675842				
Washington Purpose of Disbursement	DC 20001						
Contribution		011					
Candidate Name		Category/	Amount of Each Disbursement this Period				
Lawson, Alfred, J, , Jr.		Type	9500.00				
	nent For: 2018		2500.00				
	Primary General Other (specify)						
State: FL District: 05	cule: (opcoli)		Memo Item				
Full Name (Last, First, Middle Initial)							
C. Arkansas for Leadership Political A	ction Committee		Date of Disbursement				
Mailing Address 1316 Alexandria Avenue			11 30 2017				
,	State Zip Code		FEC Identification Number				
Alexandria Purpose of Disbursement	VA 22308		C C00413948				
Contribution		011	C C00413948 Transaction ID : B675834				
Candidate Name		Category/	Amount of Each Disbursement this Period				
		Type	2500.00				
	nent For: 2017 Primary General		2500.00				
Dragidant	Other (specify)		П., .				
State: District:	Not Applicable		Memo Item				
•			7500.00				
SUBTOTAL of Disbursements This Page (optional)		·····•	7500.00				
TOTAL This Period (last page this line number only)							

SCHEDULE B (FEC Form 3X)			FOR LINE NUMBER: PAGE 1				- 1632		
TEMIZED DISBURSEMENTS		rate schedule(s) category of the	(check only one)			07			
		Summary Page	21b 28a	22 x 28b		26 27 29 30b			
Any information copied from such Reports and Statem	l nente may n	ot he sold or use							
or for commercial purposes, other than using the nam									
NAME OF COMMITTEE (In Full)									
$\Big angle$ Employees of Northrop Grumman (Corporat	ion PAC							
Full Name (Last, First, Middle Initial)									
A. Bill Shuster for Congress				Date of D	isbursement				
				М = М	/ D D /	YYYY			
Mailing Address 5827 Colfax Avenue				11	30	2017	_		
City	State	Zip Code		EEC Idon	tification Num	hor			
7 1107101 10110	VA	22311		FEC Ideni	tification Num	iber			
Purpose of Disbursement Contribution			044	C co	0364935				
Candidate Name			011		action ID : B				
Shuster, William, , ,			Category/ Type	Amount of	t Each Disbu	rsement this Pe	∍riod		
	nent For: 2	018				2500.00			
	Primary	General			,	,			
	Other (spec	ify) ▼		Memo	Item				
State: PA District: 09 Full Name (Last, First, Middle Initial)									
Bonamici for Congress				Date of D	isbursement				
				M M / D D / Y Y Y Y					
Mailing Address 499 S Capitol Street SW Suite 422	Mailing Address 499 S Capitol Street SW Suite 422								
•	State	Zip Code		FEC Identification Number					
Washington Purpose of Disbursement	DC	20003		C C00500421					
Contribution			011						
Candidate Name			Category/		action ID : B	675833 rsement this Pe	eriod		
Bonamici, Suzanne, , ,			Type	1000.00					
$\ddot{\mathbb{H}}_{\alpha}$.	nent For: 2								
	Primary Other (spec	General							
State: OR District: 01	Otrici (Spec	y)		Memo	ltem .				
Full Name (Last, First, Middle Initial)									
Cartwright for Congress				Date of D	isbursement				
Mailing Address 410 First Street SE - Suite 310				11	30	2017	7		
Mailing Address 410 First Street SE - Suite 310					30	2017	_		
City	State	Zip Code		FEC Ident	tification Num	nber			
Washington Purpose of Disbursement	DC	20003			050000				
Contribution			011		00509968	275242			
Candidate Name		-	Category/		saction ID : B f Each Disbu	1675848 rsement this Pe	eriod		
Cartwright, Matthew, A, ,			Туре				—		
Conoto	nent For: 2				7	2500.00			
<u> </u>	Primary Other (spec	☐ General ifv) ▼		п					
State: PA District: 17	(Spoo	<i>71</i> ▼		Memo	Item				
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SCHEDULE B (FEC Form 3X)	Use separate sch	edule(s)	FOR LINE NUMBER: PAGE 10					
ITEMIZED DISBURSEMENTS	for each category	of the	(check only 21b	one) 	26 27			
	Detailed Summary	y Page	28a	28b 28c	29 30b			
Any information copied from such Reports and Statem								
or for commercial purposes, other than using the nam NAME OF COMMITTEE (In Full)	le and address of a	ny political	committee to	solicit contributions	from such committee.			
Employees of Northrop Grumman (Corporation P	AC						
Full Name (Last, First, Middle Initial)				Data of Diahumaan				
A. Cathy McMorris Rodgers for Congr	ess			Date of Disburser	_			
Mailing Address 499 S. Capitol Street SW Suite 420				11 30				
Washington	State Zip Cod DC 20003			FEC Identification	Number			
Purpose of Disbursement Contribution			011	C C0039047				
Candidate Name			Category/		Disbursement this Period			
McMorris Rodgers, Cathy, , , Office Sought: X House Disbursem	nent For: 2018		Туре		1500.00			
		eneral						
President State: WA District: 05	Other (specify) ▼			Memo Item				
Full Name (Last, First, Middle Initial)								
B. Cathy McMorris Rodgers for Congr	ess			Date of Disburser				
Mailing Address 499 S. Capitol Street SW Suite 420)			11 30				
,	State Zip Co	de		FEC Identification Number				
Washington Purpose of Disbursement	DC 20003	3						
Contribution	011			C C00390476				
Candidate Name			Category/	Amount of Each Disbursement this Pe				
McMorris Rodgers, Cathy, , , Office Sought: X House Disbursem	nent For: 2018		Туре		1000.00			
		eneral		4	7 7			
	Other (specify)			Memo Item				
State: WA District: 05 Full Name (Last, First, Middle Initial)								
C. Coffman for Congress				Date of Disburser				
Mailing Address 4000 Massachusetts Avenue NW #	1434			11 30				
City	State Zip Co	de		FEC Identification	Number			
Washington Purpose of Disbursement	DC 20016	6						
Contribution		П	011	C C0044100				
Candidate Name			Category/		Disbursement this Period			
Coffman, Mike, , , Office Sought: House Disburser	nent For: 2018		Туре		1000.00			
		eneral		4	1000.00			
	Other (specify) ▼			Memo Item				
State: CO District: 06								
SUBTOTAL of Disbursements This Page (optional)			······•		3500.00			
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SCHEDULE B (FEC Form 3X)	Use separate schedule(s)	I	FOR LINE NUMBER: PAGE 1619 OF 163. (check only one)		
TEMIZED DISBURSEMENTS	for each category of the Detailed Summary Page	21b 28a	22 X 23 26 27 28b 28c 29 30b		
Any information copied from such Reports and Statem or for commercial purposes, other than using the nam					
NAME OF COMMITTEE (In Full) Employees of Northrop Grumman (· · · · · · · · · · · · · · · · · · ·		35		
Full Name (Last, First, Middle Initial) A. Committee To Elect Madeleine Z. Bordallo			Date of Disbursement		
Mailing Address P.O. Box 2448			11 30 2017		
	State Zip Code GU 96932		FEC Identification Number		
Contribution Candidate Name		011	C C00369686 Transaction ID : B675822 Amount of Each Disbursement this Period		
Bordallo, Madeleine, Z, , Office Sought: Mouse Disbursem	nent For: 2018	Category/ Type	5000.00		
President	Primary General Other (specify) ▼		Memo Item		
State: GU District: Full Name (Last, First, Middle Initial) B. Common Ground PAC Mailing Address 1490-5A Quarterpath Road #272			Date of Disbursement M M / D D / Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y		
	State Zip Code		FEC Identification Number		
Williamsburg Purpose of Disbursement Contribution	VA 23185	011	C C00538835		
Candidate Name		Category/ Type	Transaction ID : B675853 Amount of Each Disbursement this Period		
Senate	nent For: 2017 Primary General Other (specify)		5000.00		
State: District: Full Name (Last, First, Middle Initial)	Not Applicable	e	Memo Item		
Crist for Congress			Date of Disbursement		
Mailing Address P. O. Box 1547			11 30 2017		
City St. Petersburg Purpose of Disbursement Contribution	State Zip Code FL 33731	011	FEC Identification Number C C00590067 Transaction ID : B675832		
Candidate Name Crist, Charlie, , ,		Category/ Type	Amount of Each Disbursement this Period		
Senate	nent For: 2018 Primary General Other (specify)		1500.00 Memo Item		
SUBTOTAL of Disbursements This Page (optional)			11500.00		
TOTAL This Period (last page this line number only).					

ITEMIZED DISBURSEMENTS	Use separate schedule(s) for each category of the Detailed Summary Page	FOR LINE Note (check only 21b 28a	
Any information copied from such Reports and Staten or for commercial purposes, other than using the name			
NAME OF COMMITTEE (In Full) Employees of Northrop Grumman	Corporation PAC		
Full Name (Last, First, Middle Initial) Crowley for Congress Mailing Address 415 New Jersey Avenue SE Suite 1			Date of Disbursement M M M / D D / Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y
Washington Purpose of Disbursement Contribution Candidate Name Crowley, Joseph, , , Office Sought:	State Zip Code 20003 ment For: 2018 Primary General Other (specify) State Zip Code 20003	O11 Category/ Type	FEC Identification Number C C00338954 Transaction ID: B675849 Amount of Each Disbursement this Period 2500.00 Memo Item
Full Name (Last, First, Middle Initial) B. Crowley for Congress Mailing Address 415 New Jersey Avenue SE Suite	1		Date of Disbursement M M / D D / Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y
Washington Purpose of Disbursement Contribution Candidate Name Crowley, Joseph, , , Office Sought: House Disbursen	State Zip Code 20003 ment For: 2018 Primary X General Other (specify)	O11 Category/ Type	FEC Identification Number C C00338954 Transaction ID : B675850 Amount of Each Disbursement this Period 2500.00 Memo Item
Full Name (Last, First, Middle Initial) C. Denham for Congress Mailing Address 5827 Colfax Avenue			Date of Disbursement M M M / D D / Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y
Alexandria Purpose of Disbursement Contribution Candidate Name Denham, Jeff, , ,	State Zip Code VA 22311 ment For: 2018 Primary General Other (specify)	O11 Category/ Type	FEC Identification Number C C00473272 Transaction ID : B675698 Amount of Each Disbursement this Period 2500.00 Memo Item
SUBTOTAL of Disbursements This Page (optional)		······ •	7500.00
TOTAL This Period (last page this line number only))	······ >	

SCHEDULE B (FEC Form 3X)	I	OR LINE NUMBER: PAGE 162'					
ITEMIZED DISBURSEMENTS	Use separate schedule(s) for each category of the	(check only	one) 22 x 23	26 27			
	Detailed Summary Page	28a	28b 28c	29 30b			
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NAME OF COMMITTEE (In Full) Employees of Northrop Grumman (•		Solicit Solicitistis in S				
Full Name (Last, First, Middle Initial) A. Double Eagle PAC			Date of Disburseme	/ Y Y Y Y Y			
Mailing Address 403 First Street SE			11 30	2017			
Washington	State Zip Code 20003		FEC Identification N	umber			
Purpose of Disbursement Contribution Candidate Name		011 Category/	C C00652180 Transaction ID Amount of Each Dis	: B675825 bursement this Period			
	nent For: 2017 Primary General	Type	-	2500.00			
	Other (specify) ▼ Not Applicable		Memo Item				
Full Name (Last, First, Middle Initial) B. Dr Brian Babin for Congress Mailing Address 516 N. Washington Street			Date of Disburseme	nt / Y Y Y Y Y Y 2017			
,	State Zip Code VA 22314		FEC Identification N	umber			
Contribution Candidate Name Babin, Brian, , ,		011 Category/ Type	C C00553859 Transaction ID: Amount of Each Dis	: B675838 bursement this Period			
Office Sought: House Disbursem	nent For: 2018 Primary		Memo Item	2500.00			
State: TX District: 36 Full Name (Last, First, Middle Initial)			Wellio Itelli				
C. ELEPAC			Date of Disburseme	nt			
Mailing Address P.O. Box 481			11 30	2017			
Waccabuc Purpose of Disbursement Contribution	State Zip Code NY 10597	011	FEC Identification N C C00639435 Transaction ID				
Candidate Name		Category/ Type		bursement this Period			
Senate	nent For: 2017 Primary General Other (specify) ▼ Not Applicable		Memo Item	5000.00			
SUBTOTAL of Disbursements This Page (optional)		<u> </u>		10000.00			
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SCHEDULE B (FEC Form 3X) ITEMIZED DISBURSEMENTS	Use separate schedule(s)	FOR LINE (check only	
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NAME OF COMMITTEE (In Full) Employees of Northrop Grumman (The second secon
Full Name (Last, First, Middle Initial) Fund for A Conservative Future			Date of Disbursement
Mailing Address 1020 N. Fairfax Street Suite 201			11 30 2017
Alexandria	State Zip Code VA 22314		FEC Identification Number
Purpose of Disbursement Contribution Candidate Name		011 Category/	C C00326082 Transaction ID : B675855 Amount of Each Disbursement this Period
	nent For: 2017 Primary General	Type	2500.00
President State: District:	Other (specify) ▼ Not Applicable	e	Memo Item
Full Name (Last, First, Middle Initial) 3. Jobs and Innovation Matter PAC (J Mailing Address PO Box 15320	JIM PAC)		Date of Disbursement M M M / D D / Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y
Washington	State Zip Code DC 20003		FEC Identification Number
Purpose of Disbursement Contribution Candidate Name		011 Category/ Type	C C00494112 Transaction ID : B675840 Amount of Each Disbursement this Period
Senate	nent For: 2017 Primary General Other (specify)	Туре	5000.00
State: District:	Not Applicable	Э	Memo Item
Full Name (Last, First, Middle Initial) Jobs Opp. and Education PAC (JO	E-PAC)		Date of Disbursement
Mailing Address 415 New Jersey Avenue SE Suite 1	1		11 30 2017
,	State Zip Code DC 20003	011	FEC Identification Number C C00362384
Candidate Name		Category/ Type	Transaction ID: B675860 Amount of Each Disbursement this Period
Senate	nent For: 2017 Primary General Other (specify) ▼ Not Applicable		5000.00 Memo Item
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SCHEDULE B (FEC Form 3X) ITEMIZED DISBURSEMENTS	Use separate schedule(s for each category of the	FOR LINE (check only	
	Detailed Summary Page	28a	28b 28c 29 30b
Any information copied from such Reports and Statem or for commercial purposes, other than using the nam			
NAME OF COMMITTEE (In Full) Employees of Northrop Grumman (, ,		
Full Name (Last, First, Middle Initial) - Kaptur for Congress			Date of Disbursement
Mailing Address 1008 Hillwood Avenue			11 30 7 2017
Falls Church	State Zip Code VA 22042		FEC Identification Number
Purpose of Disbursement Contribution Candidate Name		011	C C00154625 Transaction ID : B675841 Amount of Each Dickursement this Boried
Kaptur, Marcy, , ,	nent For: 2018	Category/ Type	Amount of Each Disbursement this Period 2500.00
	Primary X General Other (specify) ▼		Memo Item
Full Name (Last, First, Middle Initial) Ken Calvert for Congress Mailing Address 403 First Street SE			Date of Disbursement M M M / D D / Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y
City	State Zip Code DC 20003		FEC Identification Number
Purpose of Disbursement Contribution		011	C C00257337 Transaction ID : B675839
Candidate Name Calvert, Ken, , , Office Sought: House Disbursem	nent For: 2018	Category/ Type	Amount of Each Disbursement this Period
Senate	Primary General Other (specify)		Memo Item
Full Name (Last, First, Middle Initial) LANKPAC			Date of Disbursement
Mailing Address 1111 19th Street NW Suite 1100			11 30 7 2017
,	State Zip Code DC 20036	011	FEC Identification Number C C00492058
Candidate Name		Category/ Type	Transaction ID: B675854 Amount of Each Disbursement this Period
Senate	nent For: 2017 Primary General Other (specify) ▼ Not Applicab		1500.00 Memo Item
SUBTOTAL of Disbursements This Page (optional)			5500.00

SCHEDULE B (FEC Form 3X)	Use separate schedule(s)	E NUMBER: PAGE 1624 OF				
ITEMIZED DISBURSEMENTS	for each category of the	(check only	one) 22 🗶 23 26 27			
	Detailed Summary Page	28a	28b 28c 29 30b			
Any information copied from such Reports and Statem	nents may not be sold or us	ed by any perso	on for the purpose of soliciting contributions	 3		
or for commercial purposes, other than using the name	ne and address of any politic	cal committee to	solicit contributions from such committee.			
NAME OF COMMITTEE (In Full) Employees of Northrop Grumman (Corporation PAC					
Full Name (Last, First, Middle Initial)						
A. Lone Star Liberty Fund			Date of Disbursement			
Mailing Address 2931 Ridge Rd. Ste. 101 PMB #181	1		11 30 2017			
,	State Zip Code TX 75032		FEC Identification Number			
Rockwall Purpose of Disbursement	TX 75032		C 000637661			
Contribution		011	C C00627661 Transaction ID : B675843			
Candidate Name		Category/	Amount of Each Disbursement this Perio	bc		
Office Sought: House Disbursem	nent For: 2017	Туре	2500.00	П		
	Primary General		7 7 7	_		
President x	Other (specify) ▼		Memo Item			
State: District:	Not Applicable	e	L			
Full Name (Last, First, Middle Initial)			Date of Disbursement			
B. Lou Correa for Congress			M M / D D / Y Y Y			
Mailing Address 220 Eye Street NE Suite 110			11 30 2017	I		
,	State Zip Code DC 20002		FEC Identification Number			
Washington Purpose of Disbursement	DC 20002		C C00578302			
Contribution		011	Transaction ID : B675863			
Candidate Name		Category/	Amount of Each Disbursement this Perio	bc		
Correa, Lou, , , Office Sought: Mouse Disbursem	nent For: 2018	Туре	1500.00	П		
	Primary General		1000.00	_		
	Other (specify)		Memo Item			
State: CA District: 46			I wome nom			
Full Name (Last, First, Middle Initial)			Date of Disbursement			
C. Marco Rubio for US Senate			M M / D D / Y Y Y Y			
Mailing Address 499 S. Capitol Street SW Suite 420)		11 30 2017	ı		
,	State Zip Code		FEC Identification Number			
Washington Purpose of Disbursement	DC 20003		C C00458844			
Contribution		011	Transaction ID : B675845			
Candidate Name		Category/	Amount of Each Disbursement this Period	bc		
Rubio, Marco, , , Office Sought: House Disbursem	nent For: 2022	Туре	1000.00	П		
	Primary General		4	_		
President	Other (specify) ▼		Memo Item			
State: FL District:			<u>п</u>			
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TEMIZED DISBURSEMENTS	Use separate schedule(s) for each category of the Detailed Summary Page	FOR LINE NU (check only or 21b 28a	
Any information copied from such Reports and Statem or for commercial purposes, other than using the name			
NAME OF COMMITTEE (In Full) Employees of Northrop Grumman (Corporation PAC		
Full Name (Last, First, Middle Initial) Matsui for Congress Mailing Address PO Box 83142			Date of Disbursement 11 30 2017
Gaithersburg Purpose of Disbursement Contribution Candidate Name Matsui, Doris, , , Office Sought:	State Zip Code 20883 ment For: 2018 Primary General Other (specify) The state Zip Code 20883	011 Category/ Type	FEC Identification Number C C00409219 Transaction ID: B675823 Amount of Each Disbursement this Period 2500.00 Memo Item
Full Name (Last, First, Middle Initial) 3. Mike Bost for Congress Committee Mailing Address 3410 Alabama Avenue		Date of Disbursement 11 30 2017	
Alexandria Purpose of Disbursement Contribution Candidate Name Bost, Mike, , , Office Sought:	State Zip Code VA 22305 nent For: 2018 Primary General Other (specify)	011 Category/ Type	FEC Identification Number C C00546499 Transaction ID : B675824 Amount of Each Disbursement this Period 1500.00 Memo Item
State: IL District: 12 Full Name (Last, First, Middle Initial) Moulton for Congress Committee Mailing Address 415 New Jersey Avenue SE #1			Date of Disbursement 11 30 7 2017
Washington Purpose of Disbursement Contribution Candidate Name Moulton, Seth, , , Office Sought: Washington	State Zip Code 20003 DC 20003 Denent For: 2018 Primary General Other (specify) The state Zip Code 20003	011 Category/ Type	FEC Identification Number C C00547240 Transaction ID : B676304 Amount of Each Disbursement this Period 500.00 Memo Item
SUBTOTAL of Disbursements This Page (optional)			4500.00
TOTAL This Period (last page this line number only).		·····	

SCHEDULE B (FEC Form 3X) TEMIZED DISBURSEMENTS		rate schedule(s)	FOR LINE I	
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Any information copied from such Reports and Staten or for commercial purposes, other than using the nam				
NAME OF COMMITTEE (In Full) Employees of Northrop Grumman (71		
Full Name (Last, First, Middle Initial)				5. (5.)
Moulton for Congress Committee				Date of Disbursement
Mailing Address 415 New Jersey Avenue SE #1				11 30 2017
Washington	State DC	Zip Code 20003		FEC Identification Number
Purpose of Disbursement Contribution			011	C C00547240
Candidate Name			Category/	Transaction ID: B675862 Amount of Each Disbursement this Period
Moulton, Seth, , ,			Type	
Senate x	ment For: 20 Primary	General		1000.00
State: MA District: 06	Other (speci	ify) 🔻		Memo Item
Full Name (Last, First, Middle Initial)				
Perlmutter for Congress				Date of Disbursement
Mailing Address 415 New Jersey Avenue SE Unit 1				11 30 2017
City Washington	State DC	Zip Code 20003		FEC Identification Number
Purpose of Disbursement Contribution		20003	011	C C00410639
Candidate Name			Category/	Transaction ID : B675861 Amount of Each Disbursement this Period
Perlmutter, Ed, , ,			Type	Amount of Each Disbursement this Period
H	ment For: 2			1000.00
President	Primary Other (speci	General ify)		Memo Item
State: CO District: 07 Full Name (Last, First, Middle Initial)				
Purpose PAC				Date of Disbursement
Mailing Address PO Box 15293				11 30 2017
City Washington	State DC	Zip Code 20003		FEC Identification Number
Purpose of Disbursement Contribution		20000	011	C C00497131
Candidate Name			Category/ Type	Transaction ID: B675847 Amount of Each Disbursement this Period
		017	.,,,,	2500.00
Office Sought: House Disbursen	ment For: 20	017		
Senate	Primary	General		
Senate		General		Memo Item
Senate President	Primary Other (speci	General ify) ▼ Not Applicable		Memo Item 4500.00

30	CHEDULE B (FEC Form 3X)			FOR LINE NUMBER:					P/	PAGE 1627 OF 1632			332
Т	EMIZED DISBURSEMENTS		rate schedule(s)		only	one)						01 1002	
-			category of the Summary Page		21b	22		23	26		27		
					28a	28b	2	28c	29	\perp	30b		
	ny information copied from such Reports and Statem for commercial purposes, other than using the nam												
\	NAME OF COMMITTEE (In Full)												
\rangle	Employees of Northrop Grumman (Corporat	ion PAC										
	Full Name (Last, First, Middle Initial)					5							
۹.	Randy Hultgren for Congress					Date of	Disb	oursen	_	Υ	YY	Υ	
	Mailing Address 5827 Colfax Avenue					11	1 1	30			2017		
	,	State VA	Zip Code			FEC Ide	entific	ation	Numbe	er			
	Alexandria Purpose of Disbursement	VA	22311				0004	07504		_			
	Contribution			011				67522		-			
	Candidate Name			Categor	v/	Tra Amount			D: B67			Pariod	ı
	Hultgren, Randy, , ,			Type	y'	Amount	. 01 L	acii L	71300130	JIIICI	11 11113	TOTIOU	
		nent For: 20	018			l .			1 70		2500.0	00	
		Primary	General				,		,				
	State: IL District: 14	Other (speci	ify) ▼			Me	mo Ite	em					
	Full Name (Last, First, Middle Initial)												
3.	Republican Main Street Partnership	o PAC				Date of	Disb	ursen	nent				
		, , , , , , , , , , , , , , , , , , ,				M = M	7 / 1	D D	/	Υ	Y	Υ	
	Mailing Address 325 7th Street NW Ste. 610					11] [30	<u>ا</u> ل		2017	Ш	
	,	State	Zip Code			FEC Ide	entific	ation	Numbe	er			
	Washington Purpose of Disbursement	DC	20004					—		_	_		
	Contribution		lΓ	011		С	C001	65159)				
	Candidate Name				v/	Tra Amount			D : B67		-	Poriod	ı
				Category Type	y'	Amount	. OI L	acii L	/ISDUI SC	311101	11 11113	i enoc	
	Office Sought: House Disburser	nent For: 2	017			L.					5000.0	00	
		Primary	General										
	President State: District:	Other (speci				Me	mo Ite	em					
	Full Name (Last, First, Middle Initial)		Not Applicable					—	—		—		
С.	Richmond for Congress					Date of	Disb	ursen	nent				
	Monimona for Congress					M M	1 / I	D D		Υ	YY	Υ	
	Mailing Address 499 S. Capitol Street SW Suite 422					09] [18	J L		2017		
	,	State	Zip Code			FEC Ide	entific	ation	Numbe	er			
	1100111191011	DC	20003				-	_		-	-		
	Purpose of Disbursement Contribution		lΓ	011		C	C004	51336	3	_			
	Candidate Name				-				D : B66			Dariad	ı
	Richmond, Cedric, , ,			Category Type	y/	Amount	, OI E	acii L	JISDUISE	HILE	it triis	Period	
		nent For: 20	018	71:-	$\overline{}$		_	_		_	2500.	00	
		Primary	✗ General				7	Α	s disclo	osed	in 201	7 Octo	ber
		Other (speci	ify) ▼			X Me	mo Ite	em M	/lonthly	Rep	ort.		
	State: LA District: 02												
S	SUBTOTAL of Disbursements This Page (optional)				•						7500.	00	
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SCHEDULE B (FEC Form 3X) ITEMIZED DISBURSEMENTS	Use separate schedule(s for each category of the Detailed Summary Page) FOR LINE (check only	•
	, ,	28a	28b 28c 29 30b
Any information copied from such Reports and Staten or for commercial purposes, other than using the nam			
NAME OF COMMITTEE (In Full)	and any point		Superior Sup
Employees of Northrop Grumman	Corporation PAC		
, , ,			
Full Name (Last, First, Middle Initial)			5. (5.1
A. Richmond for Congress			Date of Disbursement
Mailing Address 499 S. Capitol Street SW Suite 422	<u> </u>		11 30 / 2017
City	State Zip Code		FFC Identification Number
Washington	DC 20003		FEC Identification Number
Purpose of Disbursement Contribution	<u>'</u>	1	C C00451336
		011	Transaction ID : B665290
Candidate Name		Category/	Amount of Each Disbursement this Period
Richmond, Cedric, , , Office Sought: House Disbursen	nent For: 2018	Туре	2500.00
	Primary General		7 7 7
	Other (specify) ▼		Redesignation of above
State: LA District: 02	\ 1		Memo Item contribution.
Full Name (Last, First, Middle Initial)			
3. Schneider for Congress			Date of Disbursement
			M M / D D / Y Y Y Y
Mailing Address 415 New Jersey Avenue SE #1			11 30 2017
,	State Zip Code		FEC Identification Number
Washington Purpose of Disbursement	DC 20003		0.00405050
Contribution		011	C C00495952
Candidate Name		Category/	Transaction ID: B675858 Amount of Each Disbursement this Period
Schneider, Brad, , ,		Type	Amount of Each Disbursement this Pellou
	nent For: 2018		2500.00
	Primary X General		7 7 7 7
	Other (specify)		Memo Item
State: IL District: 10			1
Full Name (Last, First, Middle Initial)			Data of Diahuraament
Speak Up America PAC			Date of Disbursement
Mailing Address 1006 Pendleton Street			11 30 7 2017
City	State Zip Code		EEC Identification Number
Alexandria	VA 22314		FEC Identification Number
Purpose of Disbursement Contribution			C C00376756
		011	Transaction ID : B675831
Candidate Name		Category/	Amount of Each Disbursement this Period
Office Sought: House Disbursen	nent For: 2017	Туре	5000.00
	Primary General		3000.00
Procident	Other (specify)		
State: District:	Not Applicab	le	Memo Item
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SUBTOTAL of Disbursements This Page (optional)			7500.00
TOTAL This Period (last page this line number only)			1

SCHEDULE B (FEC Form 3X)		R LINE NUMBER: PAGE 1629 OF 1					
ITEMIZED DISBURSEMENTS	Use separate for each cate	gory of the	(check only o	one) 22	23 2	26 27	
	Detailed Sum	mary Page	28a	28b		29 30b	
Any information copied from such Reports and Statem							
or for commercial purposes, other than using the name	ne and address	of any political	committee to	solicit contri	outions from	such committ	ee.
Employees of Northrop Grumman (Corporation	n PAC					
Full Name (Last, First, Middle Initial)							
A. The Bill Keating Committee					isbursement		
Mailing Address 412 First Street SE Suite 100				11	30	2017	Y
,		Code		FEC Ident	ification Nun	nber	
Washington Purpose of Disbursement	DC 2	0003			0.470000		
Contribution		IΓ	011		0479063		
Candidate Name		-	Category/		action ID : E Each Disbu	3675696 Irsement this F	Period
Keating, William, R, ,			Туре			2500.0	10
	nent For: 2018 Primary	¬			7	2500.0	.0
	Other (specify)			Memo) Item		
State: MA District: 09							
Full Name (Last, First, Middle Initial) B. VICKY PAC				Date of D	isbursement		
S. VICKT PAC				M M		YYYY	Y
Mailing Address 516 N. Washington Street				11	30	2017	
,		Code		FEC Ident	ification Nun	nber	
Alexandria Purpose of Disbursement	VA 2	2314		C Co	0499798		
Contribution			011		action ID : B	0675050	
Candidate Name			Category/ Type			ursement this F	Period
Office Sought: House Disbursen	nent For: 2017				45	3500.0	00
	Primary	General			,	,	
State: District:	Other (specify)	Not Applicable		Memo	Item		
Full Name (Last, First, Middle Initial)							
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Mailing Address				M = M	D D /	YYY	Y
Mailing Address							_
City	State Zip	Code		FEC Ident	ification Nun	nber	
Purpose of Disbursement				С			
			: :				
Candidate Name			Category/ Type	Amount of	Each Disbu	irsement this F	Period
Office Sought: House Disbursen	nent For:		-71		45		
	Primary	General				,	
State: District:	Other (specify)	▼		Memo	Item		
orate. District.							_
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SCHEDULE B (FEC Form 3X)			FOR LINE	NUMBER: PAGE 1630 OF 1632
TEMIZED DISBURSEMENTS		rate schedule(s)	(check only	NOMBER:
		category of the Summary Page	21b	22 23 26 27
			X 28a	28b 28c 29 30b
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or for commercial purposes, other than using the ha	me and addre	ess of any politica	ai committee to	SOURCE CONTINUEUOUS HOTH SUCH COMMITTEE.
Employees of Northrop Grumman	Cornorat	ion PAC		
/ Employees of Northlop Grumman	Corporat	IIOTIFAC		
Full Name (Last, First, Middle Initial)				
- Harang, James, P, ,				Date of Disbursement
Mailing Address 2980 Fairview Park Drive				11 10 2017
City	State	Zip Code		FEC Identification Number
Falls Church Purpose of Disbursement	VA	22042		
Refund to Employee			010	C
Candidate Name				Transaction ID : B675695 Amount of Each Disbursement this Period
			Category/ Type	Amount of Lacif Dispulsement this Fellou
	ement For: 2	017		160.00
Senate	Primary	General		
State: District:	Other (spec	Not Applicable		Memo Item
Full Name (Last, First, Middle Initial)		1 tot / tppiloabio		
3.				Date of Disbursement
				M M / D D / Y Y Y Y
Mailing Address				
City	State	Zip Code		FEO. I.I. III. III. III. III. III. III. I
•				FEC Identification Number
Purpose of Disbursement				[C]
Candidate Name			البيا	
			Category/ Type	Amount of Each Disbursement this Period
Office Sought: House Disburse	ement For:	I		
Senate	Primary	General		
President State: District:	Other (spec	ify)		Memo Item
Full Name (Last, First, Middle Initial)				
r un rame (East, 1 not, Madais miliar)				Date of Disbursement
				M M / D D / Y Y Y Y
Mailing Address				
City	State	Zip Code		FEC Identification Number
Durant (Disharana i				
Purpose of Disbursement				C
Candidate Name				Amount of Each Disbursement this Period
			Category/ Type	Amount of Each Dispulsement this Period
Office Sought: House Disburse	ement For:			
Senate	Primary	General		
State: District:	Other (spec	eity) 🔻		Memo Item
State. District.				
SUBTOTAL of Disbursements This Page (optional).				160.00
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TOTAL This Period (last page this line number only	/)			160.00

SCHEDULE B (FEC Form 3X)	CHEDULE B (FEC Form 3X)				
ITEMIZED DISBURSEMENTS	Use separate schedule(s) for each category of the	(check only	one)		
	Detailed Summary Page	21b 28a	22 23 26 27 28b 28c x 29 30b		
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or for commercial purposes, other than using the nam					
NAME OF COMMITTEE (In Full)					
Employees of Northrop Grumman (Corporation PAC				
Full Name (Last, First, Middle Initial)			Date of Disbursement		
A. Autumn Burke for Assembly			M M / D D / Y Y Y Y		
Mailing Address 921 11th Street Suite 904			11 03 2017		
,	State Zip Code		FEC Identification Number		
Sacramento Purpose of Disbursement	CA 95814				
P-2018 State House 62 CA		011	C		
Candidate Name		Category/	Transaction ID : B668712 Amount of Each Disbursement this Period		
Burke, Autumn, , ,		Type			
	nent For: 2018		2000.00		
	Primary General Other (specify) ▼				
State: CA District: 62	Other (specify)		Memo Item		
Full Name (Last, First, Middle Initial)			_		
B. Lorena Gonzalez for Assembly 201	8		Date of Disbursement		
			M = M / D = D / Y = Y = Y		
Mailing Address 1020 12th Street Suite #406			11 03 2017		
,	State Zip Code CA 95814		FEC Identification Number		
Purpose of Disbursement	3.7		С		
P-2018 State House 80 CA		011	Transaction ID : B668711		
Candidate Name		Category/	Amount of Each Disbursement this Period		
Gonzalez, Lorena, , , Office Sought: House Disbursem	nent For: 2018	Туре	2000.00		
	Primary General		2000.00		
	Other (specify)		Mama Itam		
State: CA District: 80			Memo Item		
Full Name (Last, First, Middle Initial)					
^{C.} Lackey for Assembly 2018			Date of Disbursement		
Mailing Address PO Box 730			11 03 2017		
City	State Zip Code		EEO Idaatii adaa Naabaa		
Hilmar	CA 95324		FEC Identification Number		
Purpose of Disbursement P-2018 State House 36 CA		244	C		
Candidate Name		011	Transaction ID : B668710		
Lackey, Tom, , ,		Category/ Type	Amount of Each Disbursement this Period		
	nent For: 2018	.,,,,,	2000.00		
Senate x	Primary General		7 7 7		
	Other (specify) ▼		Memo Item		
State: CA District: 36					
SUBTOTAL of Disbursements This Page (optional)		·····•	6000.00		
TOTAL This Period (last page this line number only).		·····•			

SCHEDULE B (FEC Form 3X)			FOR LINE I	NUMBER:	PAGE 1632 OF	1632
ITEMIZED DISBURSEMENTS		rate schedule(s) category of the	(check only			
		Summary Page	21b 28a	22 28b	23 26 27 28c x 29 30b	
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or for commercial purposes, other than using the name						
NAME OF COMMITTEE (In Full)						
Employees of Northrop Grumman (Corporat	tion PAC				
/						
Full Name (Last, First, Middle Initial)				Date of Dis	sbursement	
A. Rendon for Assembly 2018				M M /		ı
Mailing Address 1020 12th Street Suite #406				11	10 2017	
,	State CA	Zip Code 95814		FEC Identi	fication Number	
Sacramento Purpose of Disbursement	CA	95614				
P-2018 State House 63 CA			011	C	1 ID D000071	
Candidate Name			Category/		action ID: B669074 Each Disbursement this Perio	od
Rendon, Anthony, , ,			Type			\neg
	nent For: 2				2000.00	
	Primary Other (spec	General				
State: CA District: 63	Otrici (Spec	iy) ▼		Memo	Item	
Full Name (Last, First, Middle Initial)						
B. Dorothy Hukill Senate Campaign				Date of Dis	sbursement	
				M = M /	D D / Y Y Y Y Y	
Mailing Address P. O. Box 238136				11	03 2017	
City	State	Zip Code				
Port Orange	FL	32123		FEC Identi	fication Number	
Purpose of Disbursement		·		С		
P-2018 State Senate 14 FL			011		action ID : B668708	
Candidate Name			Category/	Amount of	Each Disbursement this Period	bc
Hukill, Dorothy, L, , Office Sought: House Disbursem	nent For: 2	0019	Туре		1000.00	П.
	Primary	General			4 1	
	Other (spec	ify)		Memo	Itom	
State: FL District: 14				Ivieriio	item	
Full Name (Last, First, Middle Initial)						
С.				Date of Dis	sbursement	
Mailing Address				M M /	D D / Y Y Y Y	
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City	State	Zip Code		FEC Identi	fication Number	
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Candidate Name			Category/	Amount of	Each Disbursement this Perio	nd
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Office Sought: House Disburser					, , , , , , , , , , , , , , , , , , , 	
	Primary	General				_
State: District:	Other (spec	ally) ▼		Memo	Item	
Similar District.						_
SUBTOTAL of Disbursements This Page (optional)					3000.00	
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TOTAL This Period (last page this line number only).				L	9000.00	